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# LICCON Error Code Manual

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**LR-1600/2**

**097937**

**20.06.2017**

**LIEBHERR-WERK EHINGEN GMBH, Postfach 1361, D-89582 Ebingen/Donau  
Tel 0049 7391 502-0, Fax 0049 7391 502-3399  
www.liebherr.com, E-Mail: info.lwe@liebherr.com**

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## LICCON ERROR CODE (LEC)

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Reference	Identification number	Illustration number
Electrics Superstructure	98014259	1366-932.10.10.001-
Electrics Carrier	/tmp/zfile	04.04.2017
Error list	898093422	9181-700.01.00.000.021

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Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
000001	ZE 0: system error OS-HC11 (observe parameters) initialising error processor-register erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A420		E	2
000002	ZE 0: system error OS-HC11 (observe parameters) initialising error test total in EPROM/FLASH erroneous no crane operation possible check program memory card or ZE	A420		E	2
000006	ZE 0: system error OS-HC11 (observe parameters) initialising error RAM erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A420		E	2
000007	ZE 0: system error OS-HC11 (observe parameters) UART erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A420		E	2
000010	ZE 0: system error OS-HC11 (observe parameters) system routine inaccessible entry in error memory, all crane movements will be stopped	A420		E	2
000011	ZE 0: system error OS-HC11 (observe parameters) ZE-watchdog expired entry in error memory, all crane movements will be stopped check ZE	A420		E	2
000012	ZE 0: system error OS-HC11 (observe parameters) type-identification in EPROM erroneous entry in error memory, no crane operation possible check program memory card	A420		E	2
000013	ZE 0: system error OS-HC11 (observe parameters) Test sum in FLASH erroneous entry in error memory, all crane movements will be stopped check program memory card	A420		E	2
000014	ZE 0: system error OS-HC11 (observe parameters) program already running entry in error memory, all crane movements will be stopped	A420		E	2
000015	ZE 0: system error OS-HC11 (observe parameters) program not available entry in error memory, all crane movements will be stopped	A420		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
000016	ZE 0: system error OS-HC11 (observe parameters) system-, driver-watchdog expired entry in error memory, all crane movements will be stopped	A420		E	2
000017	ZE 0: system error OS-HC11 (observe parameters) total of CPU-time distribution too great entry in error memory, all crane movements will be stopped	A420		E	2
000018	ZE 0: system error OS-HC11 (observe parameters) arithmetic overflow (16 Bit) entry in error memory, all crane movements will be stopped	A420		E	2
000019	ZE 0: system error OS-HC11 (observe parameters) division through zero (16 Bit) entry in error memory, all crane movements will be stopped	A420		E	2
000020	ZE 0: system error OS-HC11 (observe parameters) task-watchdog expired entry in error memory, all crane movements will be stopped	A420		E	2
000021	ZE 0: system error OS-HC11 (observe parameters) illegal opcode trap entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A420		E	2
000022	ZE 0: system error OS-HC11 (observe parameters) task inactive entry in error memory, all crane movements will be stopped	A420		E	2
000023	ZE 0: system error OS-HC11 (observe parameters) program incapable of running (type identification) entry in error memory, all crane movements will be stopped	A420		E	2
000024	ZE 0: system error OS-HC11 (observe parameters) task already used entry in error memory, all crane movements will be stopped	A420		E	2
000025	ZE 0: system error OS-HC11 (observe parameters) realtime-module already used entry in error memory, all crane movements will be stopped	A420		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
000026	ZE 0: system error OS-HC11 (observe parameters) regulator-module already used entry in error memory, all crane movements will be stopped	A420		E	2
000030	ZE 0: system error OS-HC11 (observe parameters) unacceptable bank address entry in error memory, all crane movements will be stopped	A420		E	2
000041	ZE 0: system error OS-HC11 (observe parameters) arithmetic error entry in error memory, all crane movements will be stopped	A420		E	2
000044	ZE 0: system error OS-HC11 (observe parameters) output parameter without effect, from inactive output entry in error memory, all crane movements will be stopped	A420		E	2
000045	ZE 0: system error OS-HC11 (observe parameters) entry parameter undefined, from inactive input entry in error memory, all crane movements will be stopped	A420		E	2
000046	ZE 0: system error OS-HC11 (observe parameters) impermissible regulator parameter entry in error memory, all crane movements will be stopped	A420		E	2
000047	ZE 0: system error OS-HC11 (observe parameters) realtime-control block not available entry in error memory, all crane movements will be stopped	A420		E	2
000048	ZE 0: system error OS-HC11 (observe parameters) realtime-control block inactive entry in error memory, all crane movements will be stopped	A420		E	2
000049	ZE 0: system error OS-HC11 (observe parameters) urgent modul, ZE not available entry in error memory, no crane operation possible check ZE	A420		E	2
000050	ZE 0: system error OS-HC11 (observe parameters) file not available entry in error memory, all crane movements will be stopped	A420		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
000051	ZE 0: system error OS-HC11 (observe parameters) file already opened entry in error memory, all crane movements will be stopped	A420		E	2
000052	ZE 0: system error OS-HC11 (observe parameters) file not open on close entry in error memory, all crane movements will be stopped	A420		E	2
000053	ZE 0: system error OS-HC11 (observe parameters) system mask not available entry in error memory, all crane movements will be stopped	A420		E	2
000054	ZE 0: system error OS-HC11 (observe parameters) system text not available entry in error memory, all crane movements will be stopped	A420		E	2
000055	ZE 0: system error OS-HC11 (observe parameters) symbol not available entry in error memory, all crane movements will be stopped	A420		E	2
000056	ZE 0: system error OS-HC11 (observe parameters) invalid mark in symbol entry in error memory, all crane movements will be stopped	A420		E	2
000057	ZE 0: system error OS-HC11 (observe parameters) default load chart missing entry in error memory, all crane movements will be stopped	A420		E	2
000058	ZE 0: system error OS-HC11 (observe parameters) amplifier erroneous or return power feed entry in error memory, all crane movements will be stopped check wiring	A420		E	2
000059	ZE 0: system error OS-HC11 (observe parameters) subroutine not reentrant entry in error memory, all crane movements will be stopped	A420		E	2
000060	ZE 0: system error OS-HC11 (observe parameters) transmission error SCI entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A420		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
000061	ZE 0: system error OS-HC11 (observe parameters) SCI-BREAK entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A420		E	2
000062	ZE 0: system error OS-HC11 (observe parameters) SCI not connected entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A420		E	2
000063	ZE 0: system error OS-HC11 (observe parameters) monitor error in operation entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A420		E	2
000065	ZE 0: system error OS-HC11 (observe parameters) impermissible bus address entry in error memory, all crane movements will be stopped	A420		E	2
000066	ZE 0: system error OS-HC11 (observe parameters) ADC working outside the permissible tolerance entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A420		E	2
000067	ZE 0: system error OS-HC11 (observe parameters) arithmetic processor not available entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A420		E	2
000068	ZE 0: system error OS-HC11 (observe parameters) impermissible interrupt entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A420		E	2
000070	ZE 0: system error OS-HC11 (observe parameters) various structure versions entry in error memory, no crane operation possible	A420		E	2
000071	ZE 0: system error OS-HC11 (observe parameters) Structure file missing or faulty entry in error memory, no crane operation possible	A420		E	2
000072	ZE 0: system error OS-HC11 (observe parameters) structure entry senseless entry in error memory, no crane operation possible	A420		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
000073	ZE 0: system error OS-HC11 (observe parameters) interpreter error entry in error memory, all crane movements will be stopped	A420		E	2
000074	ZE 0: system error OS-HC11 (observe parameters) transformation ASCII to BIN erroneous entry in error memory, all crane movements will be stopped	A420		E	2
000075	ZE 0: system error OS-HC11 (observe parameters) SPI-error entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A420		E	2
000076	ZE 0: system error OS-HC11 (observe parameters) incorrectly inserted power unit entry in error memory, all crane movements will be stopped check memory card in power supply unit	A420		E	2
000077	ZE 0: system error OS-HC11 (observe parameters) BAF-call-up erroneous entry in error memory, all crane movements will be stopped	A420		E	2
000078	ZE 0: system error OS-HC11 (observe parameters) impermissible parameter entry in error memory, all crane movements will be stopped	A420		E	2
000079	ZE 0: system error OS-HC11 (observe parameters) no right of access entry in error memory, all crane movements will be stopped	A420		E	2
000080	ZE 0: system error OS-HC11 (observe parameters) Fatal internal error entry in error memory, all crane movements will be stopped	A420		E	2
000081	ZE 0: system error OS-HC11 (observe parameters) stack overflow entry in error memory, all crane movements will be stopped	A420		E	2
000082	ZE 0: system error OS-HC11 (observe parameters) hardware-watchdog erroneous entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A420		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
000094	ZE 0: system error OS-HC11 (observe parameters) transmission error parallel bus entry in error memory, all crane movements will be stopped check ZE, bus circuit board, power supply unit	A420		E	2
000095	ZE 0: system error OS-HC11 (observe parameters) DMA-error entry in error memory, all crane movements will be stopped check ZE, bus circuit board, power supply unit	A420		E	2
000099	ZE 0: system error OS-HC11 (observe parameters) DSP0 erroneous entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A420		E	2
002001	ZE 0: system error OS-TMS initialising error processor-register erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A420		E	2
002002	ZE 0: system error OS-TMS initialising error test total in EPROM/FLASH erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A420		E	2
002006	ZE 0: system error OS-TMS initialising error RAM erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A420		E	2
002007	ZE 0: system error OS-TMS UART erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A420		E	2
002020	ZE 0: system error OS-TMS task-watchdog expired entry of error in error memory, all crane movements will be stopped elimination only possible through after-sales service	A420		E	2
002021	ZE 0: system error OS-TMS illegal opcode trap entry of error in error memory, all crane movements will be stopped elimination only possible through after-sales service	A420		E	2
002082	ZE 0: system error OS-TMS hardware-watchdog erroneous entry of error in error memory, all crane movements will be stopped elimination only possible through after-sales service	A420		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
010012	ZE 0: output 0 short circuit to ground	A420.X1:16		E	1
010013	ZE 0: output 0 open signal circuits	A420.X1:16		E	1
010014	ZE 0: output 0 short circuit to supply voltage	A420.X1:16		E	1
010054	ZE 0: output 0 short circuit to supply voltage	A420.X1:16		E	1
010058	ZE 0: output 0 positive switching transistor: disruption	A420.X1:16		E	1
010070	ZE 0: output 0 measuring system defect no crane operation possible entry in error list	A420.X1:16		E	1
010071	ZE 0: output 0 short circuit to ground or transistor defect	A420.X1:16		E	1
010072	ZE 0: output 0 outside source feeding	A420.X1:16		E	1
010073	ZE 0: output 0 open circuit or short circuit to supply voltage/ground	A420.X1:16		E	1
010112	ZE 0: output 1 short circuit to ground	A420.X1:17		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
010113	ZE 0: output 1 open signal circuits	A420.X1:17		E	1
010114	ZE 0: output 1 short circuit to supply voltage	A420.X1:17		E	1
010154	ZE 0: output 1 short circuit to supply voltage	A420.X1:17		E	1
010158	ZE 0: output 1 positive switching transistor: disruption	A420.X1:17		E	1
010170	ZE 0: output 1 measuring system defect no crane operation possible entry in error list	A420.X1:17		E	1
010171	ZE 0: output 1 short circuit to ground or transistor defect	A420.X1:17		E	1
010172	ZE 0: output 1 outside source feeding	A420.X1:17		E	1
010173	ZE 0: output 1 open circuit or short circuit to supply voltage/ground	A420.X1:17		E	1
010212	ZE 0: output 2 short circuit to ground	A420.X1:18		E	1
010213	ZE 0: output 2 open signal circuits	A420.X1:18		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
010214	ZE 0: output 2 short circuit to supply voltage	A420.X1:18		E	1
010254	ZE 0: output 2 short circuit to supply voltage	A420.X1:18		E	1
010258	ZE 0: output 2 positive switching transistor: disruption	A420.X1:18		E	1
010270	ZE 0: output 2 measuring system defect no crane operation possible entry in error list	A420.X1:18		E	1
010271	ZE 0: output 2 short circuit to ground or transistor defect	A420.X1:18		E	1
010272	ZE 0: output 2 outside source feeding	A420.X1:18		E	1
010273	ZE 0: output 2 open circuit or short circuit to supply voltage/ground	A420.X1:18		E	1
010312	ZE 0: output 3 short circuit to ground	A420.X1:19		E	1
010313	ZE 0: output 3 open signal circuits	A420.X1:19		E	1
010314	ZE 0: output 3 short circuit to supply voltage	A420.X1:19		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
010354	ZE 0: output 3 short circuit to supply voltage	A420.X1:19		E	1
010358	ZE 0: output 3 positive switching transistor: disruption	A420.X1:19		E	1
010360	ZE 0: output 3 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A420.X1:19		E	1
010362	ZE 0: output 3 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A420.X1:19		E	1
010363	ZE 0: output 3 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A420.X1:19		E	1
010370	ZE 0: output 3 measuring system defect no crane operation possible entry in error list	A420.X1:19		E	1
010371	ZE 0: output 3 short circuit to ground or transistor defect	A420.X1:19		E	1
010372	ZE 0: output 3 outside source feeding	A420.X1:19		E	1
010373	ZE 0: output 3 open circuit or short circuit to supply voltage/ground	A420.X1:19		E	1
010412	ZE 0: output 4 short circuit to ground	A420.X1:20		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
010413	ZE 0: output 4 open signal circuits	A420.X1:20		E	1
010414	ZE 0: output 4 short circuit to supply voltage	A420.X1:20		E	1
010454	ZE 0: output 4 short circuit to supply voltage	A420.X1:20		E	1
010458	ZE 0: output 4 positive switching transistor: disruption	A420.X1:20		E	1
010470	ZE 0: output 4 measuring system defect no crane operation possible entry in error list	A420.X1:20		E	1
010471	ZE 0: output 4 short circuit to ground or transistor defect	A420.X1:20		E	1
010472	ZE 0: output 4 outside source feeding	A420.X1:20		E	1
010473	ZE 0: output 4 open circuit or short circuit to supply voltage/ground	A420.X1:20		E	1
010512	ZE 0: output 5 short circuit to ground	A420.X1:21		E	1
010513	ZE 0: output 5 open signal circuits	A420.X1:21		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
010514	ZE 0: output 5 short circuit to supply voltage	A420.X1:21		E	1
010554	ZE 0: output 5 short circuit to supply voltage	A420.X1:21		E	1
010558	ZE 0: output 5 positive switching transistor: disruption	A420.X1:21		E	1
010570	ZE 0: output 5 measuring system defect no crane operation possible entry in error list	A420.X1:21		E	1
010571	ZE 0: output 5 short circuit to ground or transistor defect	A420.X1:21		E	1
010572	ZE 0: output 5 outside source feeding	A420.X1:21		E	1
010573	ZE 0: output 5 open circuit or short circuit to supply voltage/ground	A420.X1:21		E	1
010612	ZE 0: output 6 short circuit to ground	A420.X1:22		E	1
010613	ZE 0: output 6 open signal circuits	A420.X1:22		E	1
010614	ZE 0: output 6 short circuit to supply voltage	A420.X1:22		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
010654	ZE 0: output 6 short circuit to supply voltage	A420.X1:22		E	1
010658	ZE 0: output 6 positive switching transistor: disruption	A420.X1:22		E	1
010670	ZE 0: output 6 measuring system defect no crane operation possible entry in error list	A420.X1:22		E	1
010671	ZE 0: output 6 short circuit to ground or transistor defect	A420.X1:22		E	1
010672	ZE 0: output 6 outside source feeding	A420.X1:22		E	1
010673	ZE 0: output 6 open circuit or short circuit to supply voltage/ground	A420.X1:22		E	1
010712	ZE 0: output 7 short circuit to ground	A420.X1:23		E	1
010713	ZE 0: output 7 open signal circuits	A420.X1:23		E	1
010714	ZE 0: output 7 short circuit to supply voltage	A420.X1:23		E	1
010754	ZE 0: output 7 short circuit to supply voltage	A420.X1:23		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
010758	ZE 0: output 7 positive switching transistor: disruption	A420.X1:23		E	1
010760	ZE 0: output 7 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A420.X1:23		E	1
010762	ZE 0: output 7 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A420.X1:23		E	1
010763	ZE 0: output 7 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A420.X1:23		E	1
010770	ZE 0: output 7 measuring system defect no crane operation possible entry in error list	A420.X1:23		E	1
010771	ZE 0: output 7 short circuit to ground or transistor defect	A420.X1:23		E	1
010772	ZE 0: output 7 outside source feeding	A420.X1:23		E	1
010773	ZE 0: output 7 open circuit or short circuit to supply voltage/ground	A420.X1:23		E	1
014959	ZE 0: all output supply voltage missing	A420		E	1
015059	ZE 0: output group 0 supply voltage missing	A420.X1:12		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
015159	ZE 0: output group 1 supply voltage missing	A420.X1:24		E	1
015259	ZE 0: output group 2 supply voltage missing	A420		E	1
015359	ZE 0: output group 3 supply voltage missing	A420		E	1
020004	ZE 0: LSB participant address 0 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
020005	ZE 0: LSB participant address 0 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
020018	ZE 0: LSB participant address 0 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
020050	ZE 0: LSB participant address 0 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
020051	ZE 0: LSB participant address 0 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
020053	ZE 0: LSB participant address 0 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
020054	ZE 0: LSB participant address 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
020064	ZE 0: LSB participant address 0 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
020065	ZE 0: LSB participant address 0 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
020066	ZE 0: LSB participant address 0 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
020067	ZE 0: LSB participant address 0 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
020104	ZE 0: LSB participant address 1 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
020105	ZE 0: LSB participant address 1 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
020118	ZE 0: LSB participant address 1 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
020150	ZE 0: LSB participant address 1 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
020151	ZE 0: LSB participant address 1 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
020153	ZE 0: LSB participant address 1 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
020154	ZE 0: LSB participant address 1 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
020164	ZE 0: LSB participant address 1 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
020165	ZE 0: LSB participant address 1 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
020166	ZE 0: LSB participant address 1 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
020167	ZE 0: LSB participant address 1 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
020204	ZE 0: LSB participant address 2 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
020205	ZE 0: LSB participant address 2 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
020218	ZE 0: LSB participant address 2 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
020250	ZE 0: LSB participant address 2 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
020251	ZE 0: LSB participant address 2 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
020253	ZE 0: LSB participant address 2 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
020254	ZE 0: LSB participant address 2 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
020264	ZE 0: LSB participant address 2 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
020265	ZE 0: LSB participant address 2 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
020266	ZE 0: LSB participant address 2 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
020267	ZE 0: LSB participant address 2 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
020304	ZE 0: LSB participant address 3 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
020305	ZE 0: LSB participant address 3 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
020318	ZE 0: LSB participant address 3 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
020350	ZE 0: LSB participant address 3 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
020351	ZE 0: LSB participant address 3 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
020353	ZE 0: LSB participant address 3 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
020354	ZE 0: LSB participant address 3 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
020364	ZE 0: LSB participant address 3 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
020365	ZE 0: LSB participant address 3 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
020366	ZE 0: LSB participant address 3 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
020367	ZE 0: LSB participant address 3 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
020404	ZE 0: LSB participant address 4 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
020405	ZE 0: LSB participant address 4 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
020418	ZE 0: LSB participant address 4 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
020450	ZE 0: LSB participant address 4 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
020451	ZE 0: LSB participant address 4 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
020453	ZE 0: LSB participant address 4 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
020454	ZE 0: LSB participant address 4 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
020464	ZE 0: LSB participant address 4 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
020465	ZE 0: LSB participant address 4 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
020466	ZE 0: LSB participant address 4 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
020467	ZE 0: LSB participant address 4 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
020504	ZE 0: LSB participant address 5 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
020505	ZE 0: LSB participant address 5 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
020518	ZE 0: LSB participant address 5 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
020550	ZE 0: LSB participant address 5 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
020551	ZE 0: LSB participant address 5 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
020553	ZE 0: LSB participant address 5 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
020554	ZE 0: LSB participant address 5 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
020564	ZE 0: LSB participant address 5 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
020565	ZE 0: LSB participant address 5 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
020566	ZE 0: LSB participant address 5 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
020567	ZE 0: LSB participant address 5 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
020604	ZE 0: LSB participant address 6 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
020605	ZE 0: LSB participant address 6 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
020618	ZE 0: LSB participant address 6 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
020650	ZE 0: LSB participant address 6 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
020651	ZE 0: LSB participant address 6 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
020653	ZE 0: LSB participant address 6 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
020654	ZE 0: LSB participant address 6 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
020664	ZE 0: LSB participant address 6 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
020665	ZE 0: LSB participant address 6 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
020666	ZE 0: LSB participant address 6 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
020667	ZE 0: LSB participant address 6 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
020704	ZE 0: LSB participant address 7 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
020705	ZE 0: LSB participant address 7 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
020718	ZE 0: LSB participant address 7 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
020750	ZE 0: LSB participant address 7 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
020751	ZE 0: LSB participant address 7 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
020753	ZE 0: LSB participant address 7 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
020754	ZE 0: LSB participant address 7 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
020764	ZE 0: LSB participant address 7 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
020765	ZE 0: LSB participant address 7 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
020766	ZE 0: LSB participant address 7 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
020767	ZE 0: LSB participant address 7 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
020804	ZE 0: LSB participant address 8 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
020805	ZE 0: LSB participant address 8 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
020818	ZE 0: LSB participant address 8 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
020850	ZE 0: LSB participant address 8 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
020851	ZE 0: LSB participant address 8 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
020853	ZE 0: LSB participant address 8 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
020854	ZE 0: LSB participant address 8 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
020864	ZE 0: LSB participant address 8 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
020865	ZE 0: LSB participant address 8 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
020866	ZE 0: LSB participant address 8 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
020867	ZE 0: LSB participant address 8 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
020904	ZE 0: LSB participant address 9 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
020905	ZE 0: LSB participant address 9 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
020918	ZE 0: LSB participant address 9 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
020950	ZE 0: LSB participant address 9 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
020951	ZE 0: LSB participant address 9 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
020953	ZE 0: LSB participant address 9 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
020954	ZE 0: LSB participant address 9 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
020964	ZE 0: LSB participant address 9 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
020965	ZE 0: LSB participant address 9 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
020966	ZE 0: LSB participant address 9 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
020967	ZE 0: LSB participant address 9 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
021004	ZE 0: LSB participant address 10 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
021005	ZE 0: LSB participant address 10 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
021018	ZE 0: LSB participant address 10 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
021050	ZE 0: LSB participant address 10 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
021051	ZE 0: LSB participant address 10 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
021053	ZE 0: LSB participant address 10 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
021054	ZE 0: LSB participant address 10 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
021064	ZE 0: LSB participant address 10 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
021065	ZE 0: LSB participant address 10 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
021066	ZE 0: LSB participant address 10 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
021067	ZE 0: LSB participant address 10 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
021104	ZE 0: LSB participant address 11 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
021105	ZE 0: LSB participant address 11 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
021118	ZE 0: LSB participant address 11 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
021150	ZE 0: LSB participant address 11 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
021151	ZE 0: LSB participant address 11 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
021153	ZE 0: LSB participant address 11 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
021154	ZE 0: LSB participant address 11 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
021164	ZE 0: LSB participant address 11 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
021165	ZE 0: LSB participant address 11 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
021166	ZE 0: LSB participant address 11 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
021167	ZE 0: LSB participant address 11 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
021204	ZE 0: LSB participant address 12 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
021205	ZE 0: LSB participant address 12 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
021218	ZE 0: LSB participant address 12 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
021250	ZE 0: LSB participant address 12 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
021251	ZE 0: LSB participant address 12 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
021253	ZE 0: LSB participant address 12 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
021254	ZE 0: LSB participant address 12 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
021264	ZE 0: LSB participant address 12 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
021265	ZE 0: LSB participant address 12 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
021266	ZE 0: LSB participant address 12 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
021267	ZE 0: LSB participant address 12 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
021304	ZE 0: LSB participant address 13 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
021305	ZE 0: LSB participant address 13 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
021318	ZE 0: LSB participant address 13 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
021350	ZE 0: LSB participant address 13 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
021351	ZE 0: LSB participant address 13 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
021353	ZE 0: LSB participant address 13 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
021354	ZE 0: LSB participant address 13 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
021364	ZE 0: LSB participant address 13 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
021365	ZE 0: LSB participant address 13 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
021366	ZE 0: LSB participant address 13 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
021367	ZE 0: LSB participant address 13 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
021404	ZE 0: LSB participant address 14 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
021405	ZE 0: LSB participant address 14 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
021418	ZE 0: LSB participant address 14 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
021450	ZE 0: LSB participant address 14 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
021451	ZE 0: LSB participant address 14 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
021453	ZE 0: LSB participant address 14 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
021454	ZE 0: LSB participant address 14 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
021464	ZE 0: LSB participant address 14 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
021465	ZE 0: LSB participant address 14 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
021466	ZE 0: LSB participant address 14 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
021467	ZE 0: LSB participant address 14 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
021504	ZE 0: LSB participant address 15 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
021505	ZE 0: LSB participant address 15 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
021518	ZE 0: LSB participant address 15 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
021550	ZE 0: LSB participant address 15 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
021551	ZE 0: LSB participant address 15 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
021553	ZE 0: LSB participant address 15 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
021554	ZE 0: LSB participant address 15 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
021564	ZE 0: LSB participant address 15 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
021565	ZE 0: LSB participant address 15 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
021566	ZE 0: LSB participant address 15 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
021567	ZE 0: LSB participant address 15 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
021604	ZE 0: LSB participant address 16 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
021605	ZE 0: LSB participant address 16 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
021618	ZE 0: LSB participant address 16 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
021650	ZE 0: LSB participant address 16 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
021651	ZE 0: LSB participant address 16 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
021653	ZE 0: LSB participant address 16 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
021654	ZE 0: LSB participant address 16 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
021664	ZE 0: LSB participant address 16 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
021665	ZE 0: LSB participant address 16 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
021666	ZE 0: LSB participant address 16 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
021667	ZE 0: LSB participant address 16 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
021704	ZE 0: LSB participant address 17 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
021705	ZE 0: LSB participant address 17 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
021718	ZE 0: LSB participant address 17 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
021750	ZE 0: LSB participant address 17 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
021751	ZE 0: LSB participant address 17 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
021753	ZE 0: LSB participant address 17 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
021754	ZE 0: LSB participant address 17 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
021764	ZE 0: LSB participant address 17 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
021765	ZE 0: LSB participant address 17 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
021766	ZE 0: LSB participant address 17 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
021767	ZE 0: LSB participant address 17 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
021804	ZE 0: LSB participant address 18 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
021805	ZE 0: LSB participant address 18 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
021818	ZE 0: LSB participant address 18 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
021850	ZE 0: LSB participant address 18 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
021851	ZE 0: LSB participant address 18 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
021853	ZE 0: LSB participant address 18 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
021854	ZE 0: LSB participant address 18 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
021864	ZE 0: LSB participant address 18 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
021865	ZE 0: LSB participant address 18 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
021866	ZE 0: LSB participant address 18 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
021867	ZE 0: LSB participant address 18 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
021904	ZE 0: LSB participant address 19 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
021905	ZE 0: LSB participant address 19 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
021918	ZE 0: LSB participant address 19 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
021950	ZE 0: LSB participant address 19 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
021951	ZE 0: LSB participant address 19 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
021953	ZE 0: LSB participant address 19 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
021954	ZE 0: LSB participant address 19 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
021964	ZE 0: LSB participant address 19 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
021965	ZE 0: LSB participant address 19 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
021966	ZE 0: LSB participant address 19 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
021967	ZE 0: LSB participant address 19 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
022004	ZE 0: LSB participant address 20 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
022005	ZE 0: LSB participant address 20 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
022018	ZE 0: LSB participant address 20 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
022050	ZE 0: LSB participant address 20 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
022051	ZE 0: LSB participant address 20 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
022053	ZE 0: LSB participant address 20 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
022054	ZE 0: LSB participant address 20 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
022064	ZE 0: LSB participant address 20 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
022065	ZE 0: LSB participant address 20 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
022066	ZE 0: LSB participant address 20 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
022067	ZE 0: LSB participant address 20 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
022104	ZE 0: LSB participant address 21 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
022105	ZE 0: LSB participant address 21 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
022118	ZE 0: LSB participant address 21 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
022150	ZE 0: LSB participant address 21 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
022151	ZE 0: LSB participant address 21 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
022153	ZE 0: LSB participant address 21 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
022154	ZE 0: LSB participant address 21 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
022164	ZE 0: LSB participant address 21 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
022165	ZE 0: LSB participant address 21 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
022166	ZE 0: LSB participant address 21 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
022167	ZE 0: LSB participant address 21 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
022204	ZE 0: LSB participant address 22 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
022205	ZE 0: LSB participant address 22 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
022218	ZE 0: LSB participant address 22 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
022250	ZE 0: LSB participant address 22 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
022251	ZE 0: LSB participant address 22 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
022253	ZE 0: LSB participant address 22 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
022254	ZE 0: LSB participant address 22 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
022264	ZE 0: LSB participant address 22 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
022265	ZE 0: LSB participant address 22 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
022266	ZE 0: LSB participant address 22 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
022267	ZE 0: LSB participant address 22 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
022304	ZE 0: LSB participant address 23 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
022305	ZE 0: LSB participant address 23 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
022318	ZE 0: LSB participant address 23 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
022350	ZE 0: LSB participant address 23 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
022351	ZE 0: LSB participant address 23 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
022353	ZE 0: LSB participant address 23 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
022354	ZE 0: LSB participant address 23 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
022364	ZE 0: LSB participant address 23 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
022365	ZE 0: LSB participant address 23 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
022366	ZE 0: LSB participant address 23 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
022367	ZE 0: LSB participant address 23 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
022404	ZE 0: LSB participant address 24 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
022405	ZE 0: LSB participant address 24 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
022418	ZE 0: LSB participant address 24 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
022450	ZE 0: LSB participant address 24 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
022451	ZE 0: LSB participant address 24 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
022453	ZE 0: LSB participant address 24 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
022454	ZE 0: LSB participant address 24 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
022464	ZE 0: LSB participant address 24 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
022465	ZE 0: LSB participant address 24 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
022466	ZE 0: LSB participant address 24 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
022467	ZE 0: LSB participant address 24 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
022504	ZE 0: LSB participant address 25 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
022505	ZE 0: LSB participant address 25 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
022518	ZE 0: LSB participant address 25 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
022550	ZE 0: LSB participant address 25 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
022551	ZE 0: LSB participant address 25 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
022553	ZE 0: LSB participant address 25 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
022554	ZE 0: LSB participant address 25 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
022564	ZE 0: LSB participant address 25 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
022565	ZE 0: LSB participant address 25 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
022566	ZE 0: LSB participant address 25 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
022567	ZE 0: LSB participant address 25 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
022604	ZE 0: LSB participant address 26 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
022605	ZE 0: LSB participant address 26 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
022618	ZE 0: LSB participant address 26 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
022650	ZE 0: LSB participant address 26 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
022651	ZE 0: LSB participant address 26 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
022653	ZE 0: LSB participant address 26 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
022654	ZE 0: LSB participant address 26 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
022664	ZE 0: LSB participant address 26 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
022665	ZE 0: LSB participant address 26 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
022666	ZE 0: LSB participant address 26 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
022667	ZE 0: LSB participant address 26 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
022704	ZE 0: LSB participant address 27 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
022705	ZE 0: LSB participant address 27 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
022718	ZE 0: LSB participant address 27 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
022750	ZE 0: LSB participant address 27 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
022751	ZE 0: LSB participant address 27 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
022753	ZE 0: LSB participant address 27 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
022754	ZE 0: LSB participant address 27 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
022764	ZE 0: LSB participant address 27 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
022765	ZE 0: LSB participant address 27 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
022766	ZE 0: LSB participant address 27 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
022767	ZE 0: LSB participant address 27 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
022804	ZE 0: LSB participant address 28 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
022805	ZE 0: LSB participant address 28 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
022818	ZE 0: LSB participant address 28 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
022850	ZE 0: LSB participant address 28 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
022851	ZE 0: LSB participant address 28 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
022853	ZE 0: LSB participant address 28 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
022854	ZE 0: LSB participant address 28 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
022864	ZE 0: LSB participant address 28 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
022865	ZE 0: LSB participant address 28 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
022866	ZE 0: LSB participant address 28 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
022867	ZE 0: LSB participant address 28 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
022904	ZE 0: LSB participant address 29 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
022905	ZE 0: LSB participant address 29 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
022918	ZE 0: LSB participant address 29 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
022950	ZE 0: LSB participant address 29 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
022951	ZE 0: LSB participant address 29 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
022953	ZE 0: LSB participant address 29 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
022954	ZE 0: LSB participant address 29 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
022964	ZE 0: LSB participant address 29 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
022965	ZE 0: LSB participant address 29 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
022966	ZE 0: LSB participant address 29 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
022967	ZE 0: LSB participant address 29 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
023004	ZE 0: LSB participant address 30 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
023005	ZE 0: LSB participant address 30 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
023018	ZE 0: LSB participant address 30 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
023050	ZE 0: LSB participant address 30 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
023051	ZE 0: LSB participant address 30 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
023053	ZE 0: LSB participant address 30 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
023054	ZE 0: LSB participant address 30 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
023064	ZE 0: LSB participant address 30 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
023065	ZE 0: LSB participant address 30 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
023066	ZE 0: LSB participant address 30 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
023067	ZE 0: LSB participant address 30 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
023252	ZE 0: Control data transfer LSB has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A420.X2:z14/z16		E	0
023255	ZE 0: Control data transfer LSB Bus connection faulty/defect, short circuit to supply voltage entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A420.X2:z14/z16		E	2
023256	ZE 0: Control data transfer LSB Bus connection faulty/defect, no supply/short circuit to earth entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A420.X2:z14/z16		E	2
023257	ZE 0: Control data transfer LSB has recognised network re-set (data transfer starts again) entry in error memory, driver re-starts and runs re-booting of network check bus lines, withdraw sensors successively from bus until malfunction source recognised, replace defective part	A420.X2:z14/z16		E	1
023258	ZE 0: Control data transfer LSB recognised participant with incorrect baud rate in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated from system itself, check address assignment of sensors	A420.X2:z14/z16		E	0
023259	ZE 0: Control data transfer LSB recognised communication breakdown in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated by driver through re-booting of network	A420.X2:z14/z16		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
023260	ZE 0: Control data transfer LSB driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant with temporary malfunctions error will be eliminated by system itself, with incorrect configuration install new software	A420.X2:z14/z16		E	2
023261	ZE 0: Control data transfer LSB driver error: undefined message appears entry in error memory, driver re-starts and runs re-booting of network with temporary malfunc. error will be eliminated by system itself otherwise new Software necessary for error elimination	A420.X2:z14/z16		E	2
023262	ZE 0: Control data transfer LSB Driver error: Initialization error entry in error memory, driver re-starts and runs re-booting of network new Software is necessary for error elimination	A420.X2:z14/z16		E	2
024814	ZE 0: input 0 short circuit to supply voltage report of error, shut-down through application Check sensor line for short-circuit, for faulty sensors by pulling out sensor, connection to input	A420.X2:d2		E	1
024817	ZE 0: input 0 voltage below required value error report only Check sensor and supply line, replace faulty sensor	A420.X2:d2		E	1
024856	ZE 0: input 0 open circuit or short circuit to ground report of error, shut-down through application Check supply voltage, input LICCON, sensor line for interruption, for faulty sensors by pulling out G	A420.X2:d2		E	1
024914	ZE 0: input 1 short circuit to supply voltage report of error, shut-down through application Check sensor line for short-circuit, for faulty sensors by pulling out sensor, connection to input	A420.X2:d4		E	1
024917	ZE 0: input 1 voltage below required value error report only Check sensor and supply line, replace faulty sensor	A420.X2:d4		E	1
024956	ZE 0: input 1 open circuit or short circuit to ground report of error, shut-down through application Check supply voltage, input LICCON, sensor line for interruption, for faulty sensors by pulling out G	A420.X2:d4		E	1
026114	ZE 0: input 13 short circuit to supply voltage report of error, shut-down through application Check sensor line for short-circuit, for faulty sensors by pulling out sensor, connection to input	A420.X2:d28		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
026156	ZE 0: input 13 open circuit or short circuit to ground report of error, shut-down through application Check supply voltage, input LICCON, sensor line for interruption, for faulty sensors by pulling out G	A420.X2:d28		E	1
027365	ZE 0: input 25 Error report, short circuit after supply voltage before start output of error Report check safety chain on short circuit supply voltage and remedy error, possibly external feed	A420.X2:b20		E	2
027366	ZE 0: input 25 Error report, short circuit after supply voltage after end output of error Report check safety chain on short circuit supply voltage and remedy error, possibly external feed	A420.X2:b20		E	2
030000	ZE 0: LMB crane not commissioned or memory error error report only program commissioning data according to commissioning report through after-sales service	A420		B	1
030004	ZE 0: LMB Winch use input on monitor 0 is erroneous LMB calculates with weakest winch type (Default winch type), max. load is reduced, weigh load, if nec. Correct input on monitor	A420		B	1
030005	ZE 0: LMB winch 1 not regulated, hook course indicator erroneous imprecise winch control and incorrect hook course indication for winch 1 Start up adjustment switch for range of lift display for winch 1 in lowering direction	A420		E	1
030006	ZE 0: LMB winch 2 not regulated, hook course indicator erroneous imprecise winch control and incorrect hook course indication of winch 2 trigger adjustment switch for hook course indication of winch 2 through lowering	A420		E	1
030016	ZE 0: LMB Pressure transducer overtop guard cyl main boom faulty/not present Load display too great Check sensor and supply line, replace faulty sensor	A420		E	1
030023	ZE 0: LMB Several winches 6 (A, B, ...) installed simultaneously LMB calculates using the weakest type of winch (default-winch type), max. load is reduced if necessary Check affiliated LSB sensor	A420		E	1
030024	ZE 0: LMB Pressure transmitter S-RFP A (left) erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A420		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
030025	ZE 0: LMB Pressure transmitter S-RFP B (right) erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A420		E	2
03002A	ZE 0: LMB Force test axle S-relapse cyl. A (left) erroneous/missing Load display if necessary imprecise Check sensor and supply line, replace faulty sensor	A420		E	1
03002B	ZE 0: LMB Force test axle S-relapse cyl. B (right) erroneous/missing Load display if necessary imprecise Check sensor and supply line, replace faulty sensor	A420		E	1
03002C	ZE 0: LMB Force test axle S-relapse cyl. A+B (both) erroneous/missing Load display if necessary imprecise Check sensor and supply line, replace faulty sensor	A420		E	1
03002D	ZE 0: LMB Difference between force test axles S-relapse cyl. A/B too large Load display if necessary imprecise Check sensor and supply line, replace faulty sensor	A420		E	1
03002E	ZE 0: LMB Signals Force test axle/pressure sensor S-RFP A (left) implausible Load display if necessary imprecise Check sensor and supply line, replace faulty sensor	A420		E	1
03002F	ZE 0: LMB Signals Force test axle/pressure sensor S-RFP B (right) implausible Load display if necessary imprecise Check sensor and supply line, replace faulty sensor	A420		E	1
030030	ZE 0: LMB One signal draw-meas. conn plate for load weigh faulty/not present Load display if necessary imprecise Check sensor and supply line, replace faulty sensor	A420		E	1
030031	ZE 0: LMB One signal press. tran. for load weigh mast stub faulty/not present Load display if necessary imprecise Check sensor and supply line, replace faulty sensor	A420		E	1
030032	ZE 0: LMB One angle sensor derrick faulty/not present Load display if necessary imprecise Check sensor and supply line, replace faulty sensor	A420		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
030033	ZE 0: LMB Inclination transmitter crane faulty/missing Load display if necessary imprecise Check sensor and supply line, replace faulty sensor	A420		E	2
030034	ZE 0: LMB Winch operation selection switch-position undefined, incorrect signal LMB calculates using the weakest type of winch (default-winch type), max. load is reduced if necessary Check entry signals	A420		E	2
030035	ZE 0: LMB Winch operation selection switch + selected load chart implausible LMB calculates using the weakest type of winch (default-winch type), max. load is reduced if necessary Set correct winch utilisation selection switch position or correct load chart	A420		B	2
030036	ZE 0: LMB Winch 1 mounted but winch type undefined, incorrect entry signals LMB calculates using the weakest type of winch (default-winch type), max. load is reduced if necessary Check entry signals	A420		E	2
030037	ZE 0: LMB Winch 2 mounted but winch type undefined, incorrect entry signals LMB calculates using the weakest type of winch (default-winch type), max. load is reduced if necessary Check entry signals	A420		E	2
030038	ZE 0: LMB One angle sensor main boom faulty/missing Reach and load weighing possibly imprecise Check sensor and supply line, replace faulty sensor	A420		E	2
030039	ZE 0: LMB One angle sensor accessories faulty/missing Reach and load weighing possibly imprecise Check sensor and supply line, replace faulty sensor	A420		E	2
03003A	ZE 0: LMB Force test axle S-RFP A (left)reports force even though not in access Load display if necessary imprecise Check sensor and supply line, replace faulty sensor	A420		E	1
03003B	ZE 0: LMB Force test axle S-RFP B (right reports force even though not in access Load display if necessary imprecise Check sensor and supply line, replace faulty sensor	A420		E	1
03003C	ZE 0: LMB A signal of pull test brackets 1 for load weighing erroneous/missing Load display if necessary imprecise Check sensor and supply to test points 1, replace defective sensor	A420		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
03003D	ZE 0: LMB A signal of pull test brackets 2 for load weighing erroneous/missing Load display if necessary imprecise Check sensor and supply to test points 2, replace defective sensor	A420		E	1
03003E	ZE 0: LMB A signal of pull test brackets 3 for load weighing erroneous/missing Load display if necessary imprecise Check sensor and supply to test points 3, replace defective sensor	A420		E	1
030040	ZE 0: LMB no standard table defined for this crane program stop Install new program memory card with corrected tables	A420		B	3
030041	ZE 0: LMB all data for actual operation mode not available program stop Install new program memory card with corrected tables	A420		B	3
030042	ZE 0: LMB no valid control word in this table program stop Install new program memory card with corrected tables	A420		B	3
030043	ZE 0: LMB Meas. pt. 6 defect => weighing with pull test bracket poss. inaccurate Output of error Check sensor and supply line, replace faulty sensor	A420		E	0
03004A	ZE 0: LMB Pull test bracket 1A left erroneous/missing (not active) F1-Force imprecise, load display possibly imprecise Check sensor and supply line, replace faulty sensor	A420		E	1
03004B	ZE 0: LMB Pull test bracket 1B right erroneous/missing (not active) F1-Force imprecise, load display possibly imprecise Check sensor and supply line, replace faulty sensor	A420		E	1
03004C	ZE 0: LMB Pull test bracket 1A left reports internal error F1-Force imprecise, load display possibly imprecise replace sensor immediately	A420		E	1
03004D	ZE 0: LMB Pull test bracket 1B left reports internal error F1-Force imprecise, load display possibly imprecise replace sensor immediately	A420		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
030050	ZE 0: LMB no load chart displayed acoustical signal on actuation of OK-key, no modification in operation program select valid load chart through short-code or function keys F2-F6 and confirm with ENTER	A420		B	1
030051	ZE 0: LMB external information (e.g. slewing platform bolting) missing load chart cannot be entered through OK-key activate slewing platform lock, if necessary check connection to end of stroke switch, or select another load chart	A420		B	1
030052	ZE 0: LMB re-fitting with load more than 0.5t and utilization larger 20% load chart cannot be entered through OK-key put load to ground or switch crane off and on again	A420		B	1
030053	ZE 0: LMB MAN-/AUTO-change-over blocked, unbolt cylinder/tele selected, MS switch-over on manual operation prevented as cylinder or tele not pinned approach pre-selected telescoping target in automatic operation mode (bolt cylinder or tele)	A420		B	1
030054	ZE 0: LMB no new telescoping objective, cylinder/tele unbolting selected, MS modification of telesc. objective prevented- cylinder/tele bolting switch not "0" set or MS "telescoping switch over switch to "0" position and release MS "telescoping"	A420		B	1
030055	ZE 0: LMB Reeving too small, load weighing possibly erroneous Load display if necessary imprecise Increase reeving to reduce weight error to poss. increase load	A420		B	1
030056	ZE 0: LMB Reeving too small, load too large, load weighing possibly erroneous Load display if necessary imprecise Increase reeving to reduce weight error to poss. increase load	A420		B	1
03005B	ZE 0: LMB Perm. deviation test values A/B Pull test bracket 11 exceeded System switches to weighing with F3 (with Derrick) or F1 (without Derrick). check connecting brackets or power supply, different stress flow into both connecting brackets possible	A420		E	1
03005C	ZE 0: LMB One angle sensor ballast lift cylinder erroneous/missing Change calculation, weighed ballast on ball. for chart access only with 1 angle sensor, not exact Check sensor and supply line, replace faulty sensor	A420		E	1
03005D	ZE 0: LMB Tele length LTR not plausible output of error Check tele length of LTR . Does not match with spec. tele length	A420		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
030060	ZE 0: LMB One angle sensor signal fixed_jib_down defective/missing. Output of error Check sensor and supply line, replace faulty sensor	A420		E	1
030061	ZE 0: LMB Both angle sensor signals fixed_jib_down defective/missing. Output of error Check sensor and supply line, replace faulty sensor	A420		E	2
030064	ZE 0: LMB measured overall torque smaller than half torque without charge LMB-Stop: Load torque increasing movements cannot be affected move boom out of danger zone or check sensor (angle-, pressure-, length),if load or radius indication incorrect	A420		B	2
030065	ZE 0: LMB computation-bound program part will no longer run LMB-Stop: Load torque increasing movements cannot be affected on starting, the set-up equipment program key was pressed	A420		B	2
030068	ZE 0: LMB Incline sensor not present error report only Check sensor and supply line, replace faulty sensor	A420		E	1
030069	ZE 0: LMB Incline sensor erroneous/defective error report only replace sensor immediately	A420		E	1
030074	ZE 0: LMB Angle sensor SA-frame faulty/missing error report only Check sensor and supply line, replace faulty sensor	A420		E	2
030075	ZE 0: LMB Angle sensor derrick faulty/missing error report only Check sensor and supply line, replace faulty sensor	A420		E	2
030079	ZE 0: LMB STOP, adjusted op. mode and crane configuration not identical LMB-Stop: Load torque increasing movements cannot be affected set up crane according to selected operation mode	A420		B	2
030080	ZE 0: LMB Wind speed transmitter main boom faulty/not present error report only Connect sensor, or check sensor or supply line	A420		B	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
030081	ZE 0: LMB Wind speed transmitter accessories faulty/not present error report only Connect sensor, or check sensor or supply line	A420		B	1
030082	ZE 0: LMB Wind speed transmitter 3 main boom faulty/not present error report only Connect sensor, or check sensor or supply line	A420		B	1
030083	ZE 0: LMB Wind speed transmitter 3 accessories faulty/not present error report only Connect sensor, or check sensor or supply line	A420		B	1
030084	ZE 0: LMB Wind speed transmitter 1A reports internal error error report only replace sensor immediately	A420		E	1
030085	ZE 0: LMB Wind speed transmitter 1B reports internal error error report only replace sensor immediately	A420		E	1
030086	ZE 0: LMB Wind speed transmitter 2A reports internal error error report only replace sensor immediately	A420		E	1
030087	ZE 0: LMB Wind speed transmitter 2B reports internal error error report only replace sensor immediately	A420		E	1
030088	ZE 0: LMB Wind speed transmitter 3 main boom reports internal error error report only replace sensor immediately	A420		E	1
030089	ZE 0: LMB Wind speed transmitter 3 accessory reports internal error error report only replace sensor immediately	A420		E	1
03008A	ZE 0: LMB Wind sensor 4A reports internal error error report only replace sensor immediately	A420		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
03008B	ZE 0: LMB Wind sensor 4B reports internal error error report only replace sensor immediately	A420		E	1
03008C	ZE 0: LMB Wind sensor 4 accessories erroneous/missing error report only Connect sensor, or check sensor or supply line	A420		E	1
030090	ZE 0: LMB Hoist limit switch 1A reports internal error error report only replace sensor immediately	A420		E	1
030091	ZE 0: LMB Hoist limit switch 1B reports internal error error report only replace sensor immediately	A420		E	1
030092	ZE 0: LMB Hoist limit switch 2A reports internal error error report only replace sensor immediately	A420		E	1
030093	ZE 0: LMB Hoist limit switch 2B reports internal error error report only replace sensor immediately	A420		E	1
030094	ZE 0: LMB Hoist limit switch 3 main boom reports internal error error report only replace sensor immediately	A420		E	1
030095	ZE 0: LMB Hoist limit switch 3 accessory reports internal error error report only replace sensor immediately	A420		E	1
030096	ZE 0: LMB Jib, flap and overtopping guard struts in danger of colliding report of error, shut-down through application Luff down jib	A420		B	1
030097	ZE 0: LMB Load utilisat >95% and dropping of load when luffing up main boom report of error, shut-down through application Reduce utilisation, if necessary luff up via jib	A420		B	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
030098	ZE 0: LMB 2 front supports are heavily loaded, danger of tipping to the rear error report only Load supports evenly	A420		B	1
030099	ZE 0: LMB 2 supports are heavily loaded, danger of tipping error report only Load supports evenly	A420		B	1
03009A	ZE 0: LMB Hoist limit switch 4A reports internal error error report only replace sensor immediately	A420		E	1
03009B	ZE 0: LMB Hoist limit switch 4B reports internal error error report only replace sensor immediately	A420		E	1
03009E	ZE 0: LMB Pull test brackets 11A and 11B err./miss., weighing possibly not exact Weighing is done via test points M1, M2 or M3, therefore weighing possibly not as exact Check sensor and supply line to test points 11, replace defective sensor	A420		E	1
03009F	ZE 0: LMB Pull test bracket 11A or 11B erroneous/missing Load weighing only with one pull test bracket 11, weighing therefore not that exact Check sensor and supply line to test points 11, replace defective sensor	A420		E	1
0300A1	ZE 0: LMB Pressure sensor support cyl. piston surface 1 erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A420		E	1
0300A2	ZE 0: LMB Pressure sensor support cyl. piston surface 2 erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A420		E	1
0300A3	ZE 0: LMB Pressure sensor support cyl. piston surface 3 erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A420		E	1
0300A4	ZE 0: LMB Pressure sensor support cyl. piston surface 4 erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A420		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
0300A5	ZE 0: LMB Pressure sensor support cyl. ring surface 1 erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A420		E	1
0300A6	ZE 0: LMB Pressure sensor support cyl. ring surface 2 erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A420		E	1
0300A7	ZE 0: LMB Pressure sensor support cyl. ring surface 3 erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A420		E	1
0300A8	ZE 0: LMB Pressure sensor support cyl. ring surface 4 erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A420		E	1
0300B1	ZE 0: LMB Pressure sensor support cyl. piston surface 1 has internal error error report only replace sensor immediately	A420		E	1
0300B2	ZE 0: LMB Pressure sensor support cyl. piston surface 2 has internal error error report only replace sensor immediately	A420		E	1
0300B3	ZE 0: LMB Pressure sensor support cyl. piston surface 3 has internal error error report only replace sensor immediately	A420		E	1
0300B4	ZE 0: LMB Pressure sensor support cyl. piston surface 4 has internal error error report only replace sensor immediately	A420		E	1
0300B5	ZE 0: LMB Pressure sensor support cyl. ring surface 1 has internal error error report only replace sensor immediately	A420		E	1
0300B6	ZE 0: LMB Pressure sensor support cyl. ring surface 2 has internal error error report only replace sensor immediately	A420		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
0300B7	ZE 0: LMB Pressure sensor support cyl. ring surface 3 has internal error error report only replace sensor immediately	A420		E	1
0300B8	ZE 0: LMB Pressure sensor support cyl. ring surface 4 has internal error error report only replace sensor immediately	A420		E	1
030100	ZE 0: LMB STOP, main boom not mounted LMB-Stop: Load torque increasing movements cannot be affected Mount missing assembly	A420		B	2
030101	ZE 0: LMB STOP, jib not mounted LMB-Stop: Load torque increasing movements cannot be affected Mount missing assembly	A420		B	2
030102	ZE 0: LMB STOP, derrick not mounted LMB-Stop: Load torque increasing movements cannot be affected Mount missing assembly	A420		B	2
030103	ZE 0: LMB STOP, counterweight carriage not mounted LMB-Stop: Load torque increasing movements cannot be affected Mount missing assembly	A420		B	2
030104	ZE 0: LMB STOP, suspended counterweight not mounted LMB-Stop: Load torque increasing movements cannot be affected Mount missing assembly	A420		B	2
030105	ZE 0: LMB Main boom mounted?, pilot contact<>Bus sensor, condition faulty LMB-Stop: Load torque increasing movements cannot be affected Check pilot contact signals and active LSB sensor of mounted assemblies	A420		E	2
030106	ZE 0: LMB Jib mounted?, pilot contact<>Bus sensor, condition faulty LMB-Stop: Load torque increasing movements cannot be affected Check pilot contact signals and active LSB sensor of mounted assemblies	A420		E	2
030107	ZE 0: LMB Derrick mounted?, pilot contact<>Bus sensor, condition faulty LMB-Stop: Load torque increasing movements cannot be affected Check pilot contact signals and active LSB sensor of mounted assemblies	A420		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
030108	ZE 0: LMB Hoist limit switch mast stub has incorrect LSB-address LMB-Stop: Load torque increasing movements cannot be affected Connect sensor, or check sensor or supply line	A420		E	2
030109	ZE 0: LMB Mast stub, press. < minimum press., load display incorrect, DANGER! LMB-Stop: Load torque increasing movements cannot be affected Check sensor, measuring cylinder for leaks	A420		E	2
03010A	ZE 0: LMB STOP, supports not installed(acc. to bus sensors) LMB-Stop: Load torque increasing movements cannot be affected Mount missing assembly	A420		B	2
03010B	ZE 0: LMB STOP, supports not installed(acc. to pilot contact) LMB-Stop: Load torque increasing movements cannot be affected Check pilot contact signal of comp. group	A420		B	2
030114	ZE 0: LMB STOP, hoist limit switch 1A faulty/not present error report only Connect sensor, or check sensor or supply line	A420		B	2
030115	ZE 0: LMB STOP, hoist limit switch 1B faulty/not present error report only Connect sensor, or check sensor or supply line	A420		B	2
030116	ZE 0: LMB STOP, hoist limit switch 2A faulty/not present error report only Connect sensor, or check sensor or supply line	A420		B	2
030117	ZE 0: LMB STOP, hoist limit switch 2B faulty/not present error report only Connect sensor, or check sensor or supply line	A420		B	2
030118	ZE 0: LMB STOP, hoist limit switch 3 main boom faulty/not present error report only Connect sensor, or check sensor or supply line	A420		B	2
030119	ZE 0: LMB STOP, hoist limit switch 3 accessory faulty/not present error report only Connect sensor, or check sensor or supply line	A420		B	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
03011A	ZE 0: LMB STOP, Hoist limit switch 4A erroneous/missing error report only Connect sensor, or check sensor or supply line	A420		E	2
03011B	ZE 0: LMB STOP, Hoist limit switch 4B erroneous/missing error report only Connect sensor, or check sensor or supply line	A420		E	2
030133	ZE 0: LMB fly jib retaining cylinder inferior minimal pressure LMB-Stop: Load torque increasing movements cannot be affected Check overtopping guard cylinder for leaks, or check pressure transducer and replace if necessary	A420		B	2
030134	ZE 0: LMB fly jib retaining cylinder exceeds maximum pressure LMB-Stop: Load torque increasing movements cannot be affected Check pressure and position of overtopping guard cylinder, or check pressure transducer and replace if necessary	A420		B	2
030135	ZE 0: LMB permissible deviation of data A/B tension meas. bracket 1 exceeded LMB-Stop: Load torque increasing movements cannot be affected check connecting brackets or power supply, different stress flow into both connecting brackets possible	A420		B	2
030136	ZE 0: LMB permissible deviation of data A/B tension meas. bracket 2 exceeded LMB-Stop: Load torque increasing movements cannot be affected check connecting brackets or power supply, different stress flow into both connecting brackets possible	A420		B	2
030137	ZE 0: LMB permissible deviation of data A/B tension meas. bracket 3 exceeded LMB-Stop: Load torque increasing movements cannot be affected check connecting brackets or power supply, different stress flow into both connecting brackets possible	A420		B	2
030138	ZE 0: LMB STOP, permissible deviation press. tran. mast stub 6 A/B exceeded LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2
030139	ZE 0: LMB STOP, permissible deviation pressure transducer jib-RFP exceeded LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2
03013A	ZE 0: LMB Perm. deviation test values A/B Pull test bracket 11 exceeded LMB-Stop: Load torque increasing movements cannot be affected check connecting brackets or power supply, different stress flow into both connecting brackets possible	A420		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
030140	ZE 0: LMB STOP, difference between pressure transmitters S-RFP A/B too large LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2
030141	ZE 0: LMB STOP, difference between pressure transmitters D-RFP A/B too large LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2
030142	ZE 0: LMB STOP, difference between pressure transmitters test pt.5 DB-lift cyl. LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2
030147	ZE 0: LMB working radius list in load chart with incorrect value LMB-Stop: Load torque increasing movements cannot be affected install new data memory card with corrected charts	A420		B	2
030148	ZE 0: LMB actual working radius too small, not in chart LMB-Stop: Load moment-increasing movements not operable as load display possibly imprecise take care when luffing down to chart area while assembly mode selected	A420		B	2
030149	ZE 0: LMB actual working radius too large, not in chart LMB-Stop: Load torque increasing movements cannot be affected take care with "luffing up when overloaded" when luffing up into chart area	A420		B	2
030150	ZE 0: LMB crane stands in impermissible length-/angle position LMB-Stop: Load torque increasing movements cannot be affected conduct boom in permissible position referred to length, boom angle, bolting condition and fly jib angle	A420		B	2
030151	ZE 0: LMB unknown access type to load chart LMB-Stop: Load torque increasing movements cannot be affected install new data memory card with corrected charts	A420		B	2
030152	ZE 0: LMB no table exists for actual crane configuration LMB-Stop: Load torque increasing movements cannot be affected purchase additional load charts, install new data memory card with corrected charts	A420		B	2
030154	ZE 0: LMB crane improperly supported or support pressure sensor defect LMB-Stop: Increased load torque movements and slewing cannot be affected Support crane so that the crawlers are cleared or check support pressure sensor or its supply line	A420		B	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
030156	ZE 0: LMB selected support not corresponding with actual condition LMB-Stop: Increased load torque movements and slewing cannot be affected Support the crane as specified in load chart	A420		B	2
03015A	ZE 0: LMB Both angle sensors ballast lift cylinder missing/erroneous LMB-Stop: No change calculation of ballast weighing for chart access possible Check sensor and supply line, replace defective sensor	A420		E	2
03015B	ZE 0: LMB Difference angle sensor ballast lift cylinder A/B too large LMB-Stop: No change calculation of ballast weighing for chart access possible Check sensor, replace defective sensor	A420		E	2
03015C	ZE 0: LMB Crane over-equipped with LTR as ballast output of error Undock LTR	A420		E	2
030170	ZE 0: LMB STOP, Dummy plug/plug mast stub main boom faulty/not present LMB-Stop: Load torque increasing movements cannot be affected Plug in dummy plug mast stub-plug	A420		B	2
030171	ZE 0: LMB STOP, Dummy plug/plug mast stub accessory faulty/not present LMB-Stop: Load torque increasing movements cannot be affected Plug in dummy plug mast stub-plug	A420		B	2
030180	ZE 0: LMB STOP, Difference between angle sensors main boom too great LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2
030181	ZE 0: LMB STOP, Difference between angle sensors A/B derrick too great LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2
030182	ZE 0: LMB difference between angle sensor cylinder lower/upper too great LMB-Stop: Load torque increasing movements cannot be affected retrieve crane deflection through unloading, or check both angle sensors or their lines	A420		B	2
030188	ZE 0: LMB STOP, several angler sensors main boom/jib faulty/not present LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
030189	ZE 0: LMB STOP, both angle sensors derrick faulty/not present LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2
030190	ZE 0: LMB angle sensor error: load, reach, pulley head height indication defect LMB-Stop: Load torque increasing movements cannot be affected check LSB-connection, angle sensor	A420		E	2
030191	ZE 0: LMB STOP, both draw-meas. conn plates for load weigh faulty/not present LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2
030192	ZE 0: LMB STOP, both press. tran. load weighing mast stub faulty/not present LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2
030193	ZE 0: LMB STOP, several press. tran. derrick ballast weigh. faulty/not present LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2
030194	ZE 0: LMB STOP, all press. tran. overtop. guard cylinder jib faulty/not present LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2
030195	ZE 0: LMB Impermissible angle sensor from main boom or accessory active LMB-Stop: Load torque increasing movements cannot be affected Incorrect boom mounted, incorrect operation type selected or angle sensor has incorrect LSB address	A420		B	2
030196	ZE 0: LMB Impermissible angle sensor from main boom active LMB-Stop: Load torque increasing movements cannot be affected Incorrect boom mounted, incorrect operation type selected or angle sensor has incorrect LSB address	A420		B	2
030197	ZE 0: LMB Impermissible angle sensor from accessory active LMB-Stop: Load torque increasing movements cannot be affected Incorrect boom mounted, incorrect operation type selected or angle sensor has incorrect LSB address	A420		B	2
030198	ZE 0: LMB All pressure sensors on derrick counterw. hoist cyl. in oper. extract. LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A420		B	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
030199	ZE 0: LMB Derrick counterw. entry too large, measur. sig. D implausible, danger! LMB-stop: Load moment increasing movements can not be initiated, F1max-operation-limit value is too large! Check derrick counterweight entry value, check sensor on derrick	A420		B	2
03019A	ZE 0: LMB STOP, both pull test brackets 1 A und 1B erroneous/missing LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2
03019B	ZE 0: LMB STOP, both pull test brackets 1A and 1B erroneous/missing No load weighing possible Check sensor and supply to test points 1, replace defective sensor	A420		E	2
03019C	ZE 0: LMB STOP, both pull test brackets 2A and 2B erroneous/missing No load weighing possible Check sensor and supply to test points 2, replace defective sensor	A420		E	2
03019D	ZE 0: LMB STOP, both pull test brackets 3A and 3B erroneous/missing No load weighing possible Check sensor and supply to test points 3, replace defective sensor	A420		E	2
0301A1	ZE 0: LMB Length sensor folding beam swing out cyl. 1 erroneous/missing LMB-Stop: Increased load torque movements and slewing cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2
0301A2	ZE 0: LMB Length sensor folding beam swing out cyl. 2 erroneous/missing LMB-Stop: Increased load torque movements and slewing cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2
0301A3	ZE 0: LMB Length sensor folding beam swing out cyl. 3 erroneous/missing LMB-Stop: Increased load torque movements and slewing cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2
0301A4	ZE 0: LMB Length sensor folding beam swing out cyl. 4 erroneous/missing LMB-Stop: Increased load torque movements and slewing cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2
0301B1	ZE 0: LMB Length sensor folding beam swing out cyl. 1 has internal error LMB-Stop: Increased load torque movements and slewing cannot be affected replace sensor immediately	A420		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
0301B2	ZE 0: LMB Length sensor folding beam swing out cyl. 2 has internal error LMB-Stop: Increased load torque movements and slewing cannot be affected replace sensor immediately	A420		E	2
0301B3	ZE 0: LMB Length sensor folding beam swing out cyl. 3 has internal error LMB-Stop: Increased load torque movements and slewing cannot be affected replace sensor immediately	A420		E	2
0301B4	ZE 0: LMB Length sensor folding beam swing out cyl. 4 has internal error LMB-Stop: Increased load torque movements and slewing cannot be affected replace sensor immediately	A420		E	2
0301BA	ZE 0: LMB and turn STOP, folding beam angle1 not set as specified LMB-Stop: Increased load torque movements and slewing cannot be affected Set folding beam angle 1 with swing cyl. as specified in load chart	A420		B	2
0301BB	ZE 0: LMB and turn STOP, folding beam angle2 not set as specified LMB-Stop: Increased load torque movements and slewing cannot be affected Set folding beam angle 2 with swing cyl. as specified in load chart	A420		B	2
0301BC	ZE 0: LMB and turn STOP, folding beam angle3 not set as specified  Set folding beam angle 3 with swing cyl. as specified in load chart	A420		B	2
0301BD	ZE 0: LMB and turn STOP, folding beam angle4 not set as specified  Set folding beam angle 4 with swing cyl. as specified in load chart	A420		B	2
030200	ZE 0: LMB STOP, crane correspondent table over-equipped control-Stop: even in operation mode crane movements cannot be affected enter chart according to mounted equipment	A420		B	2
030201	ZE 0: LMB All movements STOP, Crawler assembly selected with mounted boom control-Stop: even in operation mode crane movements cannot be affected Select correct switch position	A420		B	2
030202	ZE 0: LMB All movements STOP, jib over-equipped control-Stop: even in operation mode crane movements cannot be affected Disassemble surplus assemblies	A420		B	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
030203	ZE 0: LMB All movements STOP, derrick over equipped control-Stop: even in operation mode crane movements cannot be affected Disassemble surplus assemblies	A420		B	2
030204	ZE 0: LMB STOP, Ballast trailer overequipped LMB-Stop: Load torque increasing movements cannot be affected Disassemble surplus assemblies	A420		B	2
030205	ZE 0: LMB STOP, susp. ballast overequipped LMB-Stop: Load torque increasing movements cannot be affected Disassemble surplus assemblies	A420		B	2
030206	ZE 0: LMB STOP, LSB-sensor from various mast stubs simultaneously active LMB-Stop: Load torque increasing movements cannot be affected Check affiliated LSB sensor	A420		B	2
030207	ZE 0: LMB STOP, main boom over-equipped control-Stop: even in operation mode crane movements cannot be affected Disassemble surplus assemblies	A420		B	2
03020A	ZE 0: LMB STOP, supports overequipped (acc. to bus sensors) LMB-Stop: Load torque increasing movements cannot be affected Check affiliated LSB sensor	A420		E	2
03020B	ZE 0: LMB STOP, supports overequipped (acc. to pilot contact) LMB-Stop: Load torque increasing movements cannot be affected Check pilot contact signal of comp. group	A420		E	2
030210	ZE 0: LMB All press. sensor derrick counterw.-hoist cyl. missing or cyl. missing LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A420		B	2
030212	ZE 0: LMB Collision derrick adjustment (adjusting pulleys clearance too little) LMB-Stop: Load moment-increasing movements non-operational and main boom luffing up non-operational Luff down main boom	A420		B	2
030213	ZE 0: LMB Collision derrick – main boom (differential angle too little) LMB-Stop: Load moment-increasing movements non-operational and main boom luffing up non-operational Luff down main boom	A420		B	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
030224	ZE 0: LMB STOP, angle sensor SA-frame faulty/missing Error display + LMB-Stop with operation type SA-frame: Load moment-increasing movements not operable Check sensor and supply line, replace faulty sensor	A420		E	2
030225	ZE 0: LMB STOP, angle sensor derrick faulty/missing LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2
030226	ZE 0: LMB STOP, angle sensor SA-frame and angle sensor derrick implausible LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor, mount derrick tensioning correctly	A420		E	2
030227	ZE 0: LMB STOP, pressure sensor SA-frame cylinder ring side M7R faulty/missing Error display + LMB-Stop with operation type SA-frame: Load moment-increasing movements not operable Check sensor and supply line, replace faulty sensor	A420		E	2
030228	ZE 0: LMB STOP, pressure sensor SA-frame cylinder piston side M7K faulty/missing Error display + LMB-Stop with operation type SA-frame: Load moment-increasing movements not operable Check sensor and supply line, replace faulty sensor	A420		E	2
030229	ZE 0: LMB STOP, SA-frame assembly cylinder extended too far (limit switch) Error display + LMB-Stop with operation type SA-frame: Load moment-increasing movements not operable Retract cylinder	A420		B	2
030230	ZE 0: LMB STOP, load SA-frame assembly cylinder<0, cylinder in block position? Error display + LMB-Stop with operation type SA-frame: Load moment-increasing movements not operable Retract cylinder	A420		B	2
030231	ZE 0: LMB STOP, SLK limit switch signal lower Pos. does not match angle sensors LMB-Stop: Load moment increasing movements cannot be run (error is self retaining as long as crane is turned on) Check SLK- limit switch for lower operating range and all angle sensor on boom, replace if necessary	A420		B	2
030232	ZE 0: LMB STOP, both pressure transmitters S-RFP A/B erroneous/fehlen LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2
030235	ZE 0: LMB STOP, pressure test bracket test pt.6 erroneous/missing LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
030237	ZE 0: LMB LMB STOP, installed accessory is not a heavy duty jib Output of error with LMB stop With installed heavy load jib, the error can be caused by a defective hoist limit switch or if the hoist	A420		B	2
030240	ZE 0: LMB STOP, overflow with calculation as reeving too low LMB-Stop: Load torque increasing movements cannot be affected Check reeving adjustment to the LICCON, modify as necessary	A420		B	2
030241	ZE 0: LMB STOP, overflow with calculation LMB-Stop: Load torque increasing movements cannot be affected Check sensor values, manual adjustments and actual crane condition, if necessary inform after-sales-service	A420		B	3
030245	ZE 0: LMB STOP, internal memory error/program part implausible LMB-Stop: Load torque increasing movements cannot be affected Read error report/display in LICCON test system special diagram "LMB - ERRORS", inform after-sales service	A420		E	3
030250	ZE 0: LMB STOP, reeving too small, load weighing possibly erroneous LMB-Stop: No weighing possible Check reeving, if nec. If reeving correct, lever arm status is insufficient to calc. weighing	A420		B	2
030286	ZE 0: LMB LTR-Ballast op. set up but LTR not pinned on slewing platform	A420		B	1
03028A	ZE 0: LMB LTR-Ballast op.: Both limit switches left not active/erroneous	A420		E	1
03028B	ZE 0: LMB LTR-Ballast op.: One limit switch left is not active/erroneous	A420		E	1
03028C	ZE 0: LMB LTR-Ballast op.: Both limit switches right not active/erroneous	A420		E	1
03028D	ZE 0: LMB LTR-Ballast op.: One limit switch right is not active/erroneous	A420		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
03028E	ZE 0: LMB LTR-Ballast op.: Turn RI blocked, since limit switch LE not actuated	A420		B	1
03028F	ZE 0: LMB LTR-Ballast op.: Turn LE blocked since limit switch RI not actuated	A420		B	1
032822	ZE 0: control slewing Pressure switch slewing gear brake erroneous/missing	A420		E	
032823	ZE 0: control slewing Pressure switch slewing gear coasting erroneous/missing	A420		E	
03301A	ZE 0: control auxiliary equipment Dummy plug WA-bracket not same condition as active sensor of WA-bracke Output of error Check wiring short circuit after supply voltage, check inputs	A420		E	
033100	ZE 0: Control ballasting / counterweight carriage Limit switch "BW bolted" faulty / not present - Shut-down BW active Control op. type with counterweight carriage is switched over to - req.s for operation with BW must be met. Error remedy see corresponding system error.	A420		E	
033101	ZE 0: Control ballasting / counterweight carriage Invalid assembly condition - BW inserted and FB inserted Shut-down due to unclear recognition of assembly condition. Check of cabling - short-circuit following earthing or line interruption, checking of inputs.	A420		E	
033102	ZE 0: Control ballasting / counterweight carriage Invalid assembly condition - BW bolted and FB inserted Shut-down due to unclear recognition of assembly condition. Checking of cabling - short-circuit following earthing or line interruption or check position of bolting cylinder BW	A420		E	
033103	ZE 0: Control ballasting / counterweight carriage Invalid assembly condition - BW inserted and bolted and FB inserted Shut-down due to unclear recognition of assembly condition. Checking of cabling - short-circuit following earthing or line interruption or check position of bolting cylinder BW	A420		E	
033105	ZE 0: Control ballasting / counterweight carriage Invalid assembly condition - BW inserted and B inserted Shut-down due to unclear recognition of assembly condition. Check of cabling - short-circuit following supply voltage or earthing or line interruption.	A420		E	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
033106	ZE 0: Control ballasting / counterweight carriage Invalid assembly condition - BW bolted and B inserted Shut-down due to unclear recognition of assembly condition. Checking of cabling - short-circuit following earthing or line interruption or check position of bolting cylinder BW	A420		E	
033107	ZE 0: Control ballasting / counterweight carriage Invalid assembly condition - BW inserted and bolted and B inserted Shut-down due to unclear recognition of assembly condition. Checking of cabling - short-circuit following earthing or line interruption or check position of bolting cylinder BW	A420		E	
033108	ZE 0: Control ballasting / counterweight carriage Invalid assembly condition - BW bolted FB inserted and B inserted Shut-down due to unclear recognition of assembly condition. Checking of cabling - short-circuit following earthing or line interruption or check position of bolting cylinder BW	A420		E	
033910	ZE 0: crane control Shut off valves relapse cyl. continuous actuation Output of error Bring keys and master switch to zero pos. If error continued active, check electric actuation shut off valves	A420		B	
033943	ZE 0: crane control "Ballast cylinder A not" cont. actuated Output of error Bring button in zero position. If error continued to be active, check electric.	A420		E	
033944	ZE 0: crane control "Ballast cylinder B not" cont. actuated Output of error Bring button in zero position. If error continued to be active, check electric.	A420		E	
033946	ZE 0: crane control Limit switch blocking position W / F faulty/lacking - risk of accident No shut-down resulted Caution - no monitoring of blocking position W/F. note system error for faulty or lacking sensor	A420		E	
033947	ZE 0: crane control Limit switch blocking position L / F faulty/lacking - risk of accident No shut-down resulted Caution - no monitoring of blocking position L/F. note system error for faulty or lacking sensor	A420		E	
033950	ZE 0: crane control Pressure relapse cyl. main boom smaller min. pressure Issuance of error. At actuated winch there is no operational shut off. Check pressure supply Relapse cylinders main boom	A420		E	
033951	ZE 0: crane control Pressure relapse cyl. main boom larger max. pressure Issuance of error. At actuated winch there is no operational shut off. Check pressure supply Relapse cylinders main boom	A420		E	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
033952	ZE 0: crane control Pressure relapse cyl. SA-frame smaller min. pressure Issuance of error. At actuated winch there is no operational shut off. Check pressure supply Relapse cylinders SA-frame	A420		E	
033953	ZE 0: crane control Pressure relapse cyl. SA-frame larger max. pressure Issuance of error. At actuated winch there is no operational shut off. Check pressure supply Relapse cylinders SA-frame	A420		E	
033954	ZE 0: crane control Pressure relapse cyl. Derrick smaller min. pressure Issuance of error. At actuated winch there is no operational shut off. Check pressure supply Relapse cylinders Derrick	A420		E	
033955	ZE 0: crane control Pressure relapse cyl. Derrick larger max. pressure Issuance of error. At actuated winch there is no operational shut off. Check pressure supply Relapse cylinders Derrick	A420		E	
0339C6	ZE 0: crane control System: Turns sensor implausible to cam switch  Endschalter +/-5° and Drehgeber check	A420		E	2
033E41	ZE 0: Switch cabinet LMB-bypass-emerg. or cont. actuation or Short circuit after Ubatt	A420		E	2
034039	ZE 0: instruments crane operators cab Seat contact operated permanently or short circuit after power supply Output of error If possible, get up from seat - otherwise check switch and wiring for short circuit after VCC	A420		E	
03403C	ZE 0: instruments crane operators cab Assembly continuous actuation or short circuit aft.supply current Output of error Turn off assembly - otherwise check switch and wiring for short circuit after VCC	A420		E	
03403D	ZE 0: instruments crane operators cab LMB-bypass cont. actuation or short circuit after Ubatt Output of error Do not actuate LMB bypass - otherwise check switch and wiring for short circuit after VCC	A420		E	
03403E	ZE 0: instruments crane operators cab Luff up at overload continuous actuation or short circuit after Ubatt Output of error Do not actuate luff up at overload - otherwise check switch and wiring for short circuit after VCC	A420		E	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
03403F	ZE 0: instruments crane operators cab Deadman switch continuous actuation or short circuit after Ubatt Output of error Do not actuate deadman switch - otherwise check switch and wiring for short circuit after VCC	A420		E	
034043	ZE 0: instruments crane operators cab Foot button coasting slewing gear cont. actuation Output of error Turn coasting do not actuate - otherwise check switch and wiring for short circuit after VCC	A420		E	2
03433E	ZE 0: instruments armrest left Luffing in with susp. load cont. act. or short circuit after Ubatt Output of error Do not actuate luffing in at suspended load otherwise test of switch and wiring for short circuit after V	A420		E	
034341	ZE 0: instruments armrest left Switch parking brake slewing gear not defined, incorrect signals Output of error Check switch parking brake slewing gear	A420		E	2
03601B	ZE 0: operation additional equipment Dummy plug WA-bracket is not plugged in - o.k.? Output of error If luffing jib unplugged, then plug in dummy plug	A420		B	
036108	ZE 0: Operation ballasting / counterweight carriage Counterweight carriage (BW) is inserted but not yet bolted report of error, otherwise no reaction Bolt or unplug counterweight carriage.	A420		B	
036109	ZE 0: Operation ballasting / counterweight carriage BW is bolted but not inserted - dummy plug is inserted Control op. type with counterweight carriage is switched over to - req.s for operation with BW must be met. Unbolt or plug in counterweight carriage.	A420		B	
03610B	ZE 0: Operation ballasting / counterweight carriage BW is plugged but not yet pinned and support retracted Control op. type with counterweight carriage is switched over to - req.s for operation with BW must be met. Ballast trailer unpin, plug in or extend support.	A420		B	
036110	ZE 0: Operation ballasting / counterweight carriage No counterweight inserted or dummy plug not inserted report of error, otherwise no reaction Plug in dummy plug.	A420		B	
036111	ZE 0: Operation ballasting / counterweight carriage Counterweight carriage (BW) is bolted but not inserted Control op. type with counterweight carriage is switched over to - req.s for operation with BW must be met. Unbolt or plug in counterweight carriage.	A420		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
036113	ZE 0: Operation ballasting / counterweight carriage Set B-table does not match the installed entries from B/BW Shut-down due to unclear recognition of assembly condition. Set load chart correctly or mount B/BW in accordance with the table setting.	A420		B	
036114	ZE 0: Operation ballasting / counterweight carriage Suspended counterweight (B) mounted but no B-table set Conversion to control operation type with suspended counterweight - requirements for operation with B must be met. Set load chart correctly or mount B/BW in accordance with the table setting.	A420		B	
036212	ZE 0: Operation crawler Shut off drive crawler - Op. mode parallel operation not active output of error, shut-down through application Activate op. mode parallel operation for driving crawler	A420		B	
036941	ZE 0: Operation crane control Emerg. op. crane control switched on Caution shut-down ineffective All crane functions can be operated unlimited - no switch-offs are any longer effective. Switch off emergency operation - Caution increased risk of accident	A420		B	
036942	ZE 0: Operation crane control Emergency op. crane cont. switched on with start test-safety chain report of error, otherwise no reaction Switch off emergency operation, restart LICCON, test safety chain will then be carried out	A420		E	1
036943	ZE 0: Operation crane control Emergency op. crane control switched on during test-safety chain report of error, otherwise no reaction Switch off emergency operation, restart LICCON, test safety chain will then be carried out	A420		E	1
036946	ZE 0: Operation crane control Blocking position W/F reached - Caution, no shut off, risk of accident No shut-down of the movement causing the blocking position is resulted Select the opposite direction of movement causing blocking position. Movement continued despite warning-risk of accident	A420		B	
036947	ZE 0: Operation crane control Blocking position L/F reached - Caution, no shut off, risk of accident No shut-down of the movement causing the blocking position is resulted Select the opposite direction of movement causing blocking position. Movement continued despite warning-risk of accident	A420		B	
036948	ZE 0: Operation crane control Selection bypass hoist top - not possible - try again operational shut down Bypass is only permitted on limited basis and time controlled, possibly bypass can be reactivated	A420		B	2
036949	ZE 0: Operation crane control Selection bypass LMB - not possible - try again operational shut down Bypass is only permitted on limited basis and time controlled, possibly bypass can be reactivated	A420		B	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
03694A	ZE 0: Operation crane control Selection bypass LMB - not permissible for this utilization	A420		B	2
03694E	ZE 0: Operation crane control Caution special function for reductions/ bypasses activated Special function as desired issue of op. error Change data word DWx.xxx or turn ignition off / on	A420		B	2
03694F	ZE 0: Operation crane control Caution, Activation EN13000 not possible EN 13000 is deactivated or cannot be activated, since option 85% chart is activated Activation of bypass acc. EN 13000 here not possible.	A420		B	2
036955	ZE 0: Operation crane control Selection bypass LMB not permissible for this F1-utilization	A420		B	2
03695B	ZE 0: Operation crane control Selection bypass hoist top not possible - no shut off	A420		B	2
03695C	ZE 0: Operation crane control Selection this bypass not possible - sensor defect	A420		B	2
03695F	ZE 0: Operation crane control Selection bypass not possible - crane engine still running	A420		B	2
036960	ZE 0: Operation crane control Selection bypass not possible - seat contact not actuated	A420		B	2
036962	ZE 0: Operation crane control Selection bypass not possible - zero pos. force required	A420		B	2
037020	ZE 0: operation instruments crane operators cab Shut off buttons assembly winch lift / lower actuate at the same time Output of error, crane function is not selected. Release one of the keys or check the switch and the cabling.	A420		B	



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
037021	ZE 0: operation instruments crane operators cab Shut off button lift assembly winch stuck or actuated at start Output of error, crane function is not selected. Release button support "lift" or button and its wiring and check for correct function	A420		B	
037022	ZE 0: operation instruments crane operators cab Shut off button assembly winch down stuck or actuated at start Output of error, crane function is not selected. Release button support "lower" or button and its wiring and check for correct function.	A420		B	
03704C	ZE 0: operation instruments crane operators cab Shut off crane control, preheat hydr. oil actuated Output of error Turn preheating hydraulic oil off.	A420		B	
037070	ZE 0: operation instruments crane operators cab Master switch 3X has no winch allocated - operation type Output of error, otherwise no reaction. If possible set another operation type.	A420		B	
037071	ZE 0: operation instruments crane operators cab Master switch 3Y has no winch allocated - operation type Output of error, otherwise no reaction. If possible set another operation type.	A420		B	
037072	ZE 0: operation instruments crane operators cab Master switch 3X has no winch allocated - crawler is on Output of error, otherwise no reaction. Switch of crawler travel operation.	A420		B	
037073	ZE 0: operation instruments crane operators cab Master switch 3Y has no winch allocated - crawler is on Output of error, otherwise no reaction. Switch of crawler travel operation.	A420		B	
037074	ZE 0: operation instruments crane operators cab Master switch 3Y has no winch allocated - winch 6 is on Output of error, otherwise no reaction. Do not modulate master switch 2Y any more.	A420		B	
037080	ZE 0: operation instruments crane operators cab Left-hand foot rocker switch - crawler travel gear is not On Output of error, otherwise no reaction. Switch on crawler travel operation.	A420		B	
037081	ZE 0: operation instruments crane operators cab Right-hand foot rocker switch - crawler travel gear is not On Output of error, otherwise no reaction. Switch on crawler travel operation.	A420		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
037082	ZE 0: operation instruments crane operators cab Master switch MS 3X is disengaged and winch 3 is not mounted Output of error Mount winch 5 or do not defect master switch any more	A420		B	
037083	ZE 0: operation instruments crane operators cab Master switch MS 3X is disengaged and winch 5 is not mounted Output of error Mount winch 3 or do not defect master switch any more	A420		B	
037084	ZE 0: operation instruments crane operators cab Master switch MS 3Y is disengaged and winch 4 is not mounted Output of error Mount winch 4 or do not defect master switch any more	A420		B	
037085	ZE 0: operation instruments crane operators cab Master switch MS 4Y is disengaged and crawler is not mounted Output of error Mount crawler or do not defect master switch any more	A420		B	
037086	ZE 0: operation instruments crane operators cab Master switch MS 5Y is disengaged and crawler is not mounted Output of error Mount crawler or do not defect master switch any more	A420		B	
037087	ZE 0: operation instruments crane operators cab Master switch MS 3Y is deflected and winch 6 is not installed Output of error Assemble winch 6 or do not deflect master switch	A420		B	
037088	ZE 0: operation instruments crane operators cab Change over switch "MS 3Y on winch 6" actuated while winch is running Winch 6 or winch 4 continues to run until master switch 3Y is no longer deflected Do not actuate master switch 3Y any longer	A420		B	
037260	ZE 0: operation instruments armrest right Change-over parallel op. On/Off - winches 1-2 with running winches Winches 1 and 2 running on in parallel or single operation, until master switch 1Y is no longer deflected. Do not modulate master switch 1Y any more.	A420		B	
037268	ZE 0: operation instruments armrest right Imp oper: Selector switch W1/W2 parallel operation for radio assembly Output of error, the operating mode parallel operation winch 1 and 2 is not executed. Set the winch 1 and 2 selector switch to single operation for the operating mode radio assembly.	A420		B	
037270	ZE 0: operation instruments armrest right Master switch 1Y has no winch allocated - operation type Output of error, otherwise no reaction. If possible set another operation type.	A420		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
037271	ZE 0: operation instruments armrest right Master switch 1X has no winch allocated - crawler is on Output of error, otherwise no reaction. Switch of crawler travel operation.	A420		B	
037272	ZE 0: operation instruments armrest right Master switch 1X has no winch allocated - winch 6 is on Winch 6 continues running until master switch 2Y is no longer defected. Do not modulate master switch 2Y any more.	A420		B	
037280	ZE 0: operation instruments armrest right Master switch MS 1X is disengaged and winch 3 is not mounted Output of error Mount winch 3 or do not defect master switch any more	A420		B	
037281	ZE 0: operation instruments armrest right Master switch MS 1X is disengaged and winch 4 is not mounted Output of error Mount winch 4 or do not defect master switch any more	A420		B	
037282	ZE 0: operation instruments armrest right Master switch MS 1X is disengaged and winch 5 is not mounted Output of error Mount winch 5 or do not defect master switch any more	A420		B	
037283	ZE 0: operation instruments armrest right Master switch MS 1Y is disengaged and winch 1 is not mounted Output of error Winch 1 install or do not deflect master switch	A420		B	
037284	ZE 0: operation instruments armrest right Master switch MS 1Y is disengaged and winch 2 is not mounted Output of error Winch 2 install or do not deflect master switch	A420		B	
037361	ZE 0: operation instruments armrest left Change-over crawler on / off with running winches Winches continue running, until master switches 1X, 2Y, 3X, 3Y are no longer defected. D not modulate master switches 1X, 2Y, 3X, 3Y any more.	A420		B	
037362	ZE 0: operation instruments armrest left Change-over crawler on / off with running crawler Crawler continues travelling, until master switch 4Y and 5Y are no longer defected. Do not modulate master switches 4Y and 5Y any more.	A420		B	
037363	ZE 0: operation instruments armrest left Change-over winch selection switch with rotating winch 2 Winches continue running until master switch 2Y can no longer be deflected. Do not modulate master switch 2Y any more.	A420		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
037364	ZE 0: operation instruments armrest left Change-over winch selection switch with rotating winch 5 Winches continue running until master switch 2Y can no longer be deflected. Do not modulate master switch 2Y any more.	A420		B	
037365	ZE 0: operation instruments armrest left Change over crawler at same time from diff. control points Output of error, otherwise no reaction. Turn selection switch for crawler cab off	A420		B	
037366	ZE 0: operation instruments armrest left Change over crawler actuate selector switch again Output of error, otherwise no reaction. Actuate selection switch for crawler again	A420		B	
037367	ZE 0: operation instruments armrest left Crawler on cannot be selected turntable not in longitudinal axis Selection crawler on is not possible Set turntable in longitudinal direction + reselect crawler on	A420		B	
037373	ZE 0: operation instruments armrest left Master switch 2Y has no winch allocated - crawler is on Output of error, otherwise no reaction. Switch of crawler travel operation.	A420		B	
037374	ZE 0: operation instruments armrest left Master switch 2Y has no winch allocated - winch 4 is on Winch 4 continues running, until master switch 1X or 3Y is no longer deflected. Do not modulate master switch 1X or 3Y any more.	A420		B	
037375	ZE 0: operation instruments armrest left Master switch 2Y is not assigned to a winch - winch 6 on MS 3Y Output of error Turn off switch MS 3Y	A420		B	
037385	ZE 0: operation instruments armrest left Master switch MS 2Y is disengaged and winch 2 is not mounted Output of error Winch 2 install or do not deflect master switch	A420		B	
037386	ZE 0: operation instruments armrest left Master switch MS 2Y is disengaged and winch 5 is not mounted Output of error Mount winch 5 or do not defect master switch any more	A420		B	
037387	ZE 0: operation instruments armrest left Master switch MS 2Y is disengaged and winch 6 is not mounted Output of error Assemble winch 6 or do not deflect master switch	A420		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
037388	ZE 0: operation instruments armrest left Master switch MS 2Y deflected and winch selection switch at position 3 Output of error Switch winch selection switch to position 1 or 2	A420		B	
100001	ZE 1: system error OS-HC11 (observe parameters) initialising error processor-register erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A421		E	2
100002	ZE 1: system error OS-HC11 (observe parameters) initialising error test total in EPROM/FLASH erroneous no crane operation possible check program memory card or ZE	A421		E	2
100006	ZE 1: system error OS-HC11 (observe parameters) initialising error RAM erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A421		E	2
100007	ZE 1: system error OS-HC11 (observe parameters) UART erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A421		E	2
100010	ZE 1: system error OS-HC11 (observe parameters) system routine inaccessible entry in error memory, all crane movements will be stopped	A421		E	2
100011	ZE 1: system error OS-HC11 (observe parameters) ZE-watchdog expired entry in error memory, all crane movements will be stopped check ZE	A421		E	2
100012	ZE 1: system error OS-HC11 (observe parameters) type-identification in EPROM erroneous entry in error memory, no crane operation possible check program memory card	A421		E	2
100013	ZE 1: system error OS-HC11 (observe parameters) Test sum in FLASH erroneous entry in error memory, all crane movements will be stopped check program memory card	A421		E	2
100014	ZE 1: system error OS-HC11 (observe parameters) program already running entry in error memory, all crane movements will be stopped	A421		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
100015	ZE 1: system error OS-HC11 (observe parameters) program not available entry in error memory, all crane movements will be stopped	A421		E	2
100016	ZE 1: system error OS-HC11 (observe parameters) system-, driver-watchdog expired entry in error memory, all crane movements will be stopped	A421		E	2
100017	ZE 1: system error OS-HC11 (observe parameters) total of CPU-time distribution too great entry in error memory, all crane movements will be stopped	A421		E	2
100018	ZE 1: system error OS-HC11 (observe parameters) arithmetic overflow (16 Bit) entry in error memory, all crane movements will be stopped	A421		E	2
100019	ZE 1: system error OS-HC11 (observe parameters) division through zero (16 Bit) entry in error memory, all crane movements will be stopped	A421		E	2
100020	ZE 1: system error OS-HC11 (observe parameters) task-watchdog expired entry in error memory, all crane movements will be stopped	A421		E	2
100021	ZE 1: system error OS-HC11 (observe parameters) illegal opcode trap entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A421		E	2
100022	ZE 1: system error OS-HC11 (observe parameters) task inactive entry in error memory, all crane movements will be stopped	A421		E	2
100023	ZE 1: system error OS-HC11 (observe parameters) program incapable of running (type identification) entry in error memory, all crane movements will be stopped	A421		E	2
100024	ZE 1: system error OS-HC11 (observe parameters) task already used entry in error memory, all crane movements will be stopped	A421		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
100025	ZE 1: system error OS-HC11 (observe parameters) realtime-module already used entry in error memory, all crane movements will be stopped	A421		E	2
100026	ZE 1: system error OS-HC11 (observe parameters) regulator-module already used entry in error memory, all crane movements will be stopped	A421		E	2
100030	ZE 1: system error OS-HC11 (observe parameters) unacceptable bank address entry in error memory, all crane movements will be stopped	A421		E	2
100041	ZE 1: system error OS-HC11 (observe parameters) arithmetic error entry in error memory, all crane movements will be stopped	A421		E	2
100044	ZE 1: system error OS-HC11 (observe parameters) output parameter without effect, from inactive output entry in error memory, all crane movements will be stopped	A421		E	2
100045	ZE 1: system error OS-HC11 (observe parameters) entry parameter undefined, from inactive input entry in error memory, all crane movements will be stopped	A421		E	2
100046	ZE 1: system error OS-HC11 (observe parameters) impermissible regulator parameter entry in error memory, all crane movements will be stopped	A421		E	2
100047	ZE 1: system error OS-HC11 (observe parameters) realtime-control block not available entry in error memory, all crane movements will be stopped	A421		E	2
100048	ZE 1: system error OS-HC11 (observe parameters) realtime-control block inactive entry in error memory, all crane movements will be stopped	A421		E	2
100049	ZE 1: system error OS-HC11 (observe parameters) urgent modul, ZE not available entry in error memory, no crane operation possible check ZE	A421		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
100050	ZE 1: system error OS-HC11 (observe parameters) file not available entry in error memory, all crane movements will be stopped	A421		E	2
100051	ZE 1: system error OS-HC11 (observe parameters) file already opened entry in error memory, all crane movements will be stopped	A421		E	2
100052	ZE 1: system error OS-HC11 (observe parameters) file not open on close entry in error memory, all crane movements will be stopped	A421		E	2
100053	ZE 1: system error OS-HC11 (observe parameters) system mask not available entry in error memory, all crane movements will be stopped	A421		E	2
100054	ZE 1: system error OS-HC11 (observe parameters) system text not available entry in error memory, all crane movements will be stopped	A421		E	2
100055	ZE 1: system error OS-HC11 (observe parameters) symbol not available entry in error memory, all crane movements will be stopped	A421		E	2
100056	ZE 1: system error OS-HC11 (observe parameters) invalid mark in symbol entry in error memory, all crane movements will be stopped	A421		E	2
100057	ZE 1: system error OS-HC11 (observe parameters) default load chart missing entry in error memory, all crane movements will be stopped	A421		E	2
100058	ZE 1: system error OS-HC11 (observe parameters) amplifier erroneous or return power feed entry in error memory, all crane movements will be stopped check wiring	A421		E	2
100059	ZE 1: system error OS-HC11 (observe parameters) subroutine not reentrant entry in error memory, all crane movements will be stopped	A421		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
100060	ZE 1: system error OS-HC11 (observe parameters) transmission error SCI entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A421		E	2
100061	ZE 1: system error OS-HC11 (observe parameters) SCI-BREAK entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A421		E	2
100062	ZE 1: system error OS-HC11 (observe parameters) SCI not connected entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A421		E	2
100063	ZE 1: system error OS-HC11 (observe parameters) monitor error in operation entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A421		E	2
100065	ZE 1: system error OS-HC11 (observe parameters) impermissible bus address entry in error memory, all crane movements will be stopped	A421		E	2
100066	ZE 1: system error OS-HC11 (observe parameters) ADC working outside the permissible tolerance entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A421		E	2
100067	ZE 1: system error OS-HC11 (observe parameters) arithmetic processor not available entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A421		E	2
100068	ZE 1: system error OS-HC11 (observe parameters) impermissible interrupt entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A421		E	2
100070	ZE 1: system error OS-HC11 (observe parameters) various structure versions entry in error memory, no crane operation possible	A421		E	2
100071	ZE 1: system error OS-HC11 (observe parameters) Structure file missing or faulty entry in error memory, no crane operation possible	A421		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
100072	ZE 1: system error OS-HC11 (observe parameters) structure entry senseless entry in error memory, no crane operation possible	A421		E	2
100073	ZE 1: system error OS-HC11 (observe parameters) interpreter error entry in error memory, all crane movements will be stopped	A421		E	2
100074	ZE 1: system error OS-HC11 (observe parameters) transformation ASCII to BIN erroneous entry in error memory, all crane movements will be stopped	A421		E	2
100075	ZE 1: system error OS-HC11 (observe parameters) SPI-error entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A421		E	2
100076	ZE 1: system error OS-HC11 (observe parameters) incorrectly inserted power unit entry in error memory, all crane movements will be stopped check memory card in power supply unit	A421		E	2
100077	ZE 1: system error OS-HC11 (observe parameters) BAF-call-up erroneous entry in error memory, all crane movements will be stopped	A421		E	2
100078	ZE 1: system error OS-HC11 (observe parameters) impermissible parameter entry in error memory, all crane movements will be stopped	A421		E	2
100079	ZE 1: system error OS-HC11 (observe parameters) no right of access entry in error memory, all crane movements will be stopped	A421		E	2
100080	ZE 1: system error OS-HC11 (observe parameters) Fatal internal error entry in error memory, all crane movements will be stopped	A421		E	2
100081	ZE 1: system error OS-HC11 (observe parameters) stack overflow entry in error memory, all crane movements will be stopped	A421		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
100082	ZE 1: system error OS-HC11 (observe parameters) hardware-watchdog erroneous entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A421		E	2
100094	ZE 1: system error OS-HC11 (observe parameters) transmission error parallel bus entry in error memory, all crane movements will be stopped check ZE, bus circuit board, power supply unit	A421		E	2
100095	ZE 1: system error OS-HC11 (observe parameters) DMA-error entry in error memory, all crane movements will be stopped check ZE, bus circuit board, power supply unit	A421		E	2
100099	ZE 1: system error OS-HC11 (observe parameters) DSP0 erroneous entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A421		E	2
102001	ZE 1: system error OS-TMS initialising error processor-register erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A421		E	2
102002	ZE 1: system error OS-TMS initialising error test total in EPROM/FLASH erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A421		E	2
102006	ZE 1: system error OS-TMS initialising error RAM erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A421		E	2
102007	ZE 1: system error OS-TMS UART erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A421		E	2
102020	ZE 1: system error OS-TMS task-watchdog expired entry of error in error memory, all crane movements will be stopped elimination only possible through after-sales service	A421		E	2
102021	ZE 1: system error OS-TMS illegal opcode trap entry of error in error memory, all crane movements will be stopped elimination only possible through after-sales service	A421		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
102082	ZE 1: system error OS-TMS hardware-watchdog erroneous entry of error in error memory, all crane movements will be stopped elimination only possible through after-sales service	A421		E	2
110012	ZE 1: output 0 short circuit to ground	A421.X1:16		E	1
110013	ZE 1: output 0 open signal circuits	A421.X1:16		E	1
110014	ZE 1: output 0 short circuit to supply voltage	A421.X1:16		E	1
110054	ZE 1: output 0 short circuit to supply voltage	A421.X1:16		E	1
110058	ZE 1: output 0 positive switching transistor: disruption	A421.X1:16		E	1
110060	ZE 1: output 0 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A421.X1:16		E	1
110062	ZE 1: output 0 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A421.X1:16		E	1
110063	ZE 1: output 0 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A421.X1:16		E	1
110070	ZE 1: output 0 measuring system defect no crane operation possible entry in error list	A421.X1:16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
110071	ZE 1: output 0 short circuit to ground or transistor defect	A421.X1:16		E	1
110072	ZE 1: output 0 outside source feeding	A421.X1:16		E	1
110073	ZE 1: output 0 open circuit or short circuit to supply voltage/ground	A421.X1:16		E	1
110112	ZE 1: output 1 short circuit to ground	A421.X1:17		E	1
110113	ZE 1: output 1 open signal circuits	A421.X1:17		E	1
110114	ZE 1: output 1 short circuit to supply voltage	A421.X1:17		E	1
110154	ZE 1: output 1 short circuit to supply voltage	A421.X1:17		E	1
110158	ZE 1: output 1 positive switching transistor: disruption	A421.X1:17		E	1
110160	ZE 1: output 1 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A421.X1:17		E	1
110162	ZE 1: output 1 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A421.X1:17		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
110163	ZE 1: output 1 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A421.X1:17		E	1
110170	ZE 1: output 1 measuring system defect no crane operation possible entry in error list	A421.X1:17		E	1
110171	ZE 1: output 1 short circuit to ground or transistor defect	A421.X1:17		E	1
110172	ZE 1: output 1 outside source feeding	A421.X1:17		E	1
110173	ZE 1: output 1 open circuit or short circuit to supply voltage/ground	A421.X1:17		E	1
110212	ZE 1: output 2 short circuit to ground	A421.X1:18		E	1
110213	ZE 1: output 2 open signal circuits	A421.X1:18		E	1
110214	ZE 1: output 2 short circuit to supply voltage	A421.X1:18		E	1
110254	ZE 1: output 2 short circuit to supply voltage	A421.X1:18		E	1
110258	ZE 1: output 2 positive switching transistor: disruption	A421.X1:18		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
110260	ZE 1: output 2 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A421.X1:18		E	1
110262	ZE 1: output 2 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A421.X1:18		E	1
110263	ZE 1: output 2 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A421.X1:18		E	1
110270	ZE 1: output 2 measuring system defect no crane operation possible entry in error list	A421.X1:18		E	1
110271	ZE 1: output 2 short circuit to ground or transistor defect	A421.X1:18		E	1
110272	ZE 1: output 2 outside source feeding	A421.X1:18		E	1
110273	ZE 1: output 2 open circuit or short circuit to supply voltage/ground	A421.X1:18		E	1
110312	ZE 1: output 3 short circuit to ground	A421.X1:19		E	1
110313	ZE 1: output 3 open signal circuits	A421.X1:19		E	1
110314	ZE 1: output 3 short circuit to supply voltage	A421.X1:19		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
110354	ZE 1: output 3 short circuit to supply voltage	A421.X1:19		E	1
110358	ZE 1: output 3 positive switching transistor: disruption	A421.X1:19		E	1
110360	ZE 1: output 3 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A421.X1:19		E	1
110362	ZE 1: output 3 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A421.X1:19		E	1
110363	ZE 1: output 3 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A421.X1:19		E	1
110370	ZE 1: output 3 measuring system defect no crane operation possible entry in error list	A421.X1:19		E	1
110371	ZE 1: output 3 short circuit to ground or transistor defect	A421.X1:19		E	1
110372	ZE 1: output 3 outside source feeding	A421.X1:19		E	1
110373	ZE 1: output 3 open circuit or short circuit to supply voltage/ground	A421.X1:19		E	1
110412	ZE 1: output 4 short circuit to ground	A421.X1:20		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
110413	ZE 1: output 4 open signal circuits	A421.X1:20		E	1
110414	ZE 1: output 4 short circuit to supply voltage	A421.X1:20		E	1
110454	ZE 1: output 4 short circuit to supply voltage	A421.X1:20		E	1
110458	ZE 1: output 4 positive switching transistor: disruption	A421.X1:20		E	1
110460	ZE 1: output 4 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A421.X1:20		E	1
110462	ZE 1: output 4 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A421.X1:20		E	1
110463	ZE 1: output 4 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A421.X1:20		E	1
110470	ZE 1: output 4 measuring system defect no crane operation possible entry in error list	A421.X1:20		E	1
110471	ZE 1: output 4 short circuit to ground or transistor defect	A421.X1:20		E	1
110472	ZE 1: output 4 outside source feeding	A421.X1:20		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
110473	ZE 1: output 4 open circuit or short circuit to supply voltage/ground	A421.X1:20		E	1
110512	ZE 1: output 5 short circuit to ground	A421.X1:21		E	1
110513	ZE 1: output 5 open signal circuits	A421.X1:21		E	1
110514	ZE 1: output 5 short circuit to supply voltage	A421.X1:21		E	1
110554	ZE 1: output 5 short circuit to supply voltage	A421.X1:21		E	1
110558	ZE 1: output 5 positive switching transistor: disruption	A421.X1:21		E	1
110560	ZE 1: output 5 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A421.X1:21		E	1
110562	ZE 1: output 5 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A421.X1:21		E	1
110563	ZE 1: output 5 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A421.X1:21		E	1
110570	ZE 1: output 5 measuring system defect no crane operation possible entry in error list	A421.X1:21		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
110571	ZE 1: output 5 short circuit to ground or transistor defect	A421.X1:21		E	1
110572	ZE 1: output 5 outside source feeding	A421.X1:21		E	1
110573	ZE 1: output 5 open circuit or short circuit to supply voltage/ground	A421.X1:21		E	1
110612	ZE 1: output 6 short circuit to ground	A421.X1:22		E	1
110613	ZE 1: output 6 open signal circuits	A421.X1:22		E	1
110614	ZE 1: output 6 short circuit to supply voltage	A421.X1:22		E	1
110654	ZE 1: output 6 short circuit to supply voltage	A421.X1:22		E	1
110658	ZE 1: output 6 positive switching transistor: disruption	A421.X1:22		E	1
110660	ZE 1: output 6 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A421.X1:22		E	1
110662	ZE 1: output 6 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A421.X1:22		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
110663	ZE 1: output 6 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A421.X1:22		E	1
110670	ZE 1: output 6 measuring system defect no crane operation possible entry in error list	A421.X1:22		E	1
110671	ZE 1: output 6 short circuit to ground or transistor defect	A421.X1:22		E	1
110672	ZE 1: output 6 outside source feeding	A421.X1:22		E	1
110673	ZE 1: output 6 open circuit or short circuit to supply voltage/ground	A421.X1:22		E	1
110712	ZE 1: output 7 short circuit to ground	A421.X1:23		E	1
110713	ZE 1: output 7 open signal circuits	A421.X1:23		E	1
110714	ZE 1: output 7 short circuit to supply voltage	A421.X1:23		E	1
110754	ZE 1: output 7 short circuit to supply voltage	A421.X1:23		E	1
110758	ZE 1: output 7 positive switching transistor: disruption	A421.X1:23		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
110760	ZE 1: output 7 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A421.X1:23		E	1
110762	ZE 1: output 7 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A421.X1:23		E	1
110763	ZE 1: output 7 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A421.X1:23		E	1
110770	ZE 1: output 7 measuring system defect no crane operation possible entry in error list	A421.X1:23		E	1
110771	ZE 1: output 7 short circuit to ground or transistor defect	A421.X1:23		E	1
110772	ZE 1: output 7 outside source feeding	A421.X1:23		E	1
110773	ZE 1: output 7 open circuit or short circuit to supply voltage/ground	A421.X1:23		E	1
114959	ZE 1: all output supply voltage missing	A421		E	1
115059	ZE 1: output group 0 supply voltage missing	A421.X1:12		E	1
115159	ZE 1: output group 1 supply voltage missing	A421.X1:24		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
115259	ZE 1: output group 2 supply voltage missing	A421		E	1
115359	ZE 1: output group 3 supply voltage missing	A421		E	1
120004	ZE 1: LSB participant address 0 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
120005	ZE 1: LSB participant address 0 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
120018	ZE 1: LSB participant address 0 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
120050	ZE 1: LSB participant address 0 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
120051	ZE 1: LSB participant address 0 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
120053	ZE 1: LSB participant address 0 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
120054	ZE 1: LSB participant address 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
120064	ZE 1: LSB participant address 0 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
120065	ZE 1: LSB participant address 0 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
120066	ZE 1: LSB participant address 0 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
120067	ZE 1: LSB participant address 0 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
120104	ZE 1: LSB participant address 1 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
120105	ZE 1: LSB participant address 1 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
120118	ZE 1: LSB participant address 1 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
120150	ZE 1: LSB participant address 1 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
120151	ZE 1: LSB participant address 1 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
120153	ZE 1: LSB participant address 1 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
120154	ZE 1: LSB participant address 1 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
120164	ZE 1: LSB participant address 1 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
120165	ZE 1: LSB participant address 1 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
120166	ZE 1: LSB participant address 1 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
120167	ZE 1: LSB participant address 1 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
120204	ZE 1: LSB participant address 2 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
120205	ZE 1: LSB participant address 2 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
120218	ZE 1: LSB participant address 2 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
120250	ZE 1: LSB participant address 2 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
120251	ZE 1: LSB participant address 2 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
120253	ZE 1: LSB participant address 2 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
120254	ZE 1: LSB participant address 2 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
120264	ZE 1: LSB participant address 2 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
120265	ZE 1: LSB participant address 2 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
120266	ZE 1: LSB participant address 2 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
120267	ZE 1: LSB participant address 2 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
120304	ZE 1: LSB participant address 3 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
120305	ZE 1: LSB participant address 3 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
120318	ZE 1: LSB participant address 3 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
120350	ZE 1: LSB participant address 3 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
120351	ZE 1: LSB participant address 3 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
120353	ZE 1: LSB participant address 3 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
120354	ZE 1: LSB participant address 3 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
120364	ZE 1: LSB participant address 3 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
120365	ZE 1: LSB participant address 3 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
120366	ZE 1: LSB participant address 3 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
120367	ZE 1: LSB participant address 3 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
120404	ZE 1: LSB participant address 4 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
120405	ZE 1: LSB participant address 4 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
120418	ZE 1: LSB participant address 4 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
120450	ZE 1: LSB participant address 4 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
120451	ZE 1: LSB participant address 4 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
120453	ZE 1: LSB participant address 4 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
120454	ZE 1: LSB participant address 4 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
120464	ZE 1: LSB participant address 4 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
120465	ZE 1: LSB participant address 4 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
120466	ZE 1: LSB participant address 4 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
120467	ZE 1: LSB participant address 4 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
120504	ZE 1: LSB participant address 5 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
120505	ZE 1: LSB participant address 5 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
120518	ZE 1: LSB participant address 5 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
120550	ZE 1: LSB participant address 5 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
120551	ZE 1: LSB participant address 5 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
120553	ZE 1: LSB participant address 5 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
120554	ZE 1: LSB participant address 5 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
120564	ZE 1: LSB participant address 5 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
120565	ZE 1: LSB participant address 5 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
120566	ZE 1: LSB participant address 5 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
120567	ZE 1: LSB participant address 5 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
120604	ZE 1: LSB participant address 6 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
120605	ZE 1: LSB participant address 6 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
120618	ZE 1: LSB participant address 6 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
120650	ZE 1: LSB participant address 6 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
120651	ZE 1: LSB participant address 6 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
120653	ZE 1: LSB participant address 6 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
120654	ZE 1: LSB participant address 6 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
120664	ZE 1: LSB participant address 6 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
120665	ZE 1: LSB participant address 6 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
120666	ZE 1: LSB participant address 6 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
120667	ZE 1: LSB participant address 6 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
120704	ZE 1: LSB participant address 7 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
120705	ZE 1: LSB participant address 7 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
120718	ZE 1: LSB participant address 7 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
120750	ZE 1: LSB participant address 7 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
120751	ZE 1: LSB participant address 7 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
120753	ZE 1: LSB participant address 7 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
120754	ZE 1: LSB participant address 7 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
120764	ZE 1: LSB participant address 7 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
120765	ZE 1: LSB participant address 7 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
120766	ZE 1: LSB participant address 7 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
120767	ZE 1: LSB participant address 7 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
120804	ZE 1: LSB participant address 8 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
120805	ZE 1: LSB participant address 8 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
120818	ZE 1: LSB participant address 8 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
120850	ZE 1: LSB participant address 8 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
120851	ZE 1: LSB participant address 8 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
120853	ZE 1: LSB participant address 8 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
120854	ZE 1: LSB participant address 8 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
120864	ZE 1: LSB participant address 8 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
120865	ZE 1: LSB participant address 8 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
120866	ZE 1: LSB participant address 8 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
120867	ZE 1: LSB participant address 8 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
120904	ZE 1: LSB participant address 9 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
120905	ZE 1: LSB participant address 9 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
120918	ZE 1: LSB participant address 9 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
120950	ZE 1: LSB participant address 9 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
120951	ZE 1: LSB participant address 9 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
120953	ZE 1: LSB participant address 9 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
120954	ZE 1: LSB participant address 9 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
120964	ZE 1: LSB participant address 9 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
120965	ZE 1: LSB participant address 9 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
120966	ZE 1: LSB participant address 9 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
120967	ZE 1: LSB participant address 9 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
121004	ZE 1: LSB participant address 10 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
121005	ZE 1: LSB participant address 10 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
121018	ZE 1: LSB participant address 10 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
121050	ZE 1: LSB participant address 10 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
121051	ZE 1: LSB participant address 10 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
121053	ZE 1: LSB participant address 10 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
121054	ZE 1: LSB participant address 10 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
121064	ZE 1: LSB participant address 10 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
121065	ZE 1: LSB participant address 10 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
121066	ZE 1: LSB participant address 10 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
121067	ZE 1: LSB participant address 10 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
121104	ZE 1: LSB participant address 11 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
121105	ZE 1: LSB participant address 11 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
121118	ZE 1: LSB participant address 11 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
121150	ZE 1: LSB participant address 11 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
121151	ZE 1: LSB participant address 11 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
121153	ZE 1: LSB participant address 11 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
121154	ZE 1: LSB participant address 11 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
121164	ZE 1: LSB participant address 11 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
121165	ZE 1: LSB participant address 11 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
121166	ZE 1: LSB participant address 11 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
121167	ZE 1: LSB participant address 11 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
121204	ZE 1: LSB participant address 12 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
121205	ZE 1: LSB participant address 12 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
121218	ZE 1: LSB participant address 12 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
121250	ZE 1: LSB participant address 12 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
121251	ZE 1: LSB participant address 12 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
121253	ZE 1: LSB participant address 12 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
121254	ZE 1: LSB participant address 12 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
121264	ZE 1: LSB participant address 12 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
121265	ZE 1: LSB participant address 12 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
121266	ZE 1: LSB participant address 12 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
121267	ZE 1: LSB participant address 12 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
121304	ZE 1: LSB participant address 13 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
121305	ZE 1: LSB participant address 13 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
121318	ZE 1: LSB participant address 13 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
121350	ZE 1: LSB participant address 13 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
121351	ZE 1: LSB participant address 13 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
121353	ZE 1: LSB participant address 13 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
121354	ZE 1: LSB participant address 13 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
121364	ZE 1: LSB participant address 13 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
121365	ZE 1: LSB participant address 13 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
121366	ZE 1: LSB participant address 13 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
121367	ZE 1: LSB participant address 13 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
121404	ZE 1: LSB participant address 14 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
121405	ZE 1: LSB participant address 14 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
121418	ZE 1: LSB participant address 14 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
121450	ZE 1: LSB participant address 14 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
121451	ZE 1: LSB participant address 14 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
121453	ZE 1: LSB participant address 14 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
121454	ZE 1: LSB participant address 14 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
121464	ZE 1: LSB participant address 14 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
121465	ZE 1: LSB participant address 14 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
121466	ZE 1: LSB participant address 14 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
121467	ZE 1: LSB participant address 14 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
121504	ZE 1: LSB participant address 15 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
121505	ZE 1: LSB participant address 15 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
121518	ZE 1: LSB participant address 15 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
121550	ZE 1: LSB participant address 15 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
121551	ZE 1: LSB participant address 15 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
121553	ZE 1: LSB participant address 15 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
121554	ZE 1: LSB participant address 15 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
121564	ZE 1: LSB participant address 15 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
121565	ZE 1: LSB participant address 15 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
121566	ZE 1: LSB participant address 15 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
121567	ZE 1: LSB participant address 15 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
121604	ZE 1: LSB participant address 16 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
121605	ZE 1: LSB participant address 16 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
121618	ZE 1: LSB participant address 16 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
121650	ZE 1: LSB participant address 16 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
121651	ZE 1: LSB participant address 16 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
121653	ZE 1: LSB participant address 16 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
121654	ZE 1: LSB participant address 16 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
121664	ZE 1: LSB participant address 16 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
121665	ZE 1: LSB participant address 16 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
121666	ZE 1: LSB participant address 16 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
121667	ZE 1: LSB participant address 16 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
121704	ZE 1: LSB participant address 17 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
121705	ZE 1: LSB participant address 17 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
121718	ZE 1: LSB participant address 17 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
121750	ZE 1: LSB participant address 17 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
121751	ZE 1: LSB participant address 17 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
121753	ZE 1: LSB participant address 17 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
121754	ZE 1: LSB participant address 17 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
121764	ZE 1: LSB participant address 17 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
121765	ZE 1: LSB participant address 17 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
121766	ZE 1: LSB participant address 17 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
121767	ZE 1: LSB participant address 17 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
121804	ZE 1: LSB participant address 18 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
121805	ZE 1: LSB participant address 18 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
121818	ZE 1: LSB participant address 18 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
121850	ZE 1: LSB participant address 18 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
121851	ZE 1: LSB participant address 18 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
121853	ZE 1: LSB participant address 18 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
121854	ZE 1: LSB participant address 18 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
121864	ZE 1: LSB participant address 18 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
121865	ZE 1: LSB participant address 18 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
121866	ZE 1: LSB participant address 18 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
121867	ZE 1: LSB participant address 18 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
121904	ZE 1: LSB participant address 19 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
121905	ZE 1: LSB participant address 19 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
121918	ZE 1: LSB participant address 19 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
121950	ZE 1: LSB participant address 19 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
121951	ZE 1: LSB participant address 19 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
121953	ZE 1: LSB participant address 19 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
121954	ZE 1: LSB participant address 19 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
121964	ZE 1: LSB participant address 19 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
121965	ZE 1: LSB participant address 19 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
121966	ZE 1: LSB participant address 19 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
121967	ZE 1: LSB participant address 19 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
122004	ZE 1: LSB participant address 20 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
122005	ZE 1: LSB participant address 20 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
122018	ZE 1: LSB participant address 20 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
122050	ZE 1: LSB participant address 20 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
122051	ZE 1: LSB participant address 20 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
122053	ZE 1: LSB participant address 20 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
122054	ZE 1: LSB participant address 20 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
122064	ZE 1: LSB participant address 20 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
122065	ZE 1: LSB participant address 20 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
122066	ZE 1: LSB participant address 20 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
122067	ZE 1: LSB participant address 20 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
122104	ZE 1: LSB participant address 21 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
122105	ZE 1: LSB participant address 21 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
122118	ZE 1: LSB participant address 21 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
122150	ZE 1: LSB participant address 21 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
122151	ZE 1: LSB participant address 21 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
122153	ZE 1: LSB participant address 21 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
122154	ZE 1: LSB participant address 21 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
122164	ZE 1: LSB participant address 21 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
122165	ZE 1: LSB participant address 21 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
122166	ZE 1: LSB participant address 21 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
122167	ZE 1: LSB participant address 21 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
122204	ZE 1: LSB participant address 22 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
122205	ZE 1: LSB participant address 22 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
122218	ZE 1: LSB participant address 22 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
122250	ZE 1: LSB participant address 22 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
122251	ZE 1: LSB participant address 22 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
122253	ZE 1: LSB participant address 22 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
122254	ZE 1: LSB participant address 22 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
122264	ZE 1: LSB participant address 22 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
122265	ZE 1: LSB participant address 22 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
122266	ZE 1: LSB participant address 22 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
122267	ZE 1: LSB participant address 22 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
122304	ZE 1: LSB participant address 23 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
122305	ZE 1: LSB participant address 23 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
122318	ZE 1: LSB participant address 23 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
122350	ZE 1: LSB participant address 23 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
122351	ZE 1: LSB participant address 23 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
122353	ZE 1: LSB participant address 23 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
122354	ZE 1: LSB participant address 23 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
122364	ZE 1: LSB participant address 23 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
122365	ZE 1: LSB participant address 23 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
122366	ZE 1: LSB participant address 23 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
122367	ZE 1: LSB participant address 23 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
122404	ZE 1: LSB participant address 24 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
122405	ZE 1: LSB participant address 24 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
122418	ZE 1: LSB participant address 24 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
122450	ZE 1: LSB participant address 24 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
122451	ZE 1: LSB participant address 24 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
122453	ZE 1: LSB participant address 24 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
122454	ZE 1: LSB participant address 24 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
122464	ZE 1: LSB participant address 24 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
122465	ZE 1: LSB participant address 24 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
122466	ZE 1: LSB participant address 24 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
122467	ZE 1: LSB participant address 24 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
122504	ZE 1: LSB participant address 25 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
122505	ZE 1: LSB participant address 25 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
122518	ZE 1: LSB participant address 25 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
122550	ZE 1: LSB participant address 25 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
122551	ZE 1: LSB participant address 25 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
122553	ZE 1: LSB participant address 25 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
122554	ZE 1: LSB participant address 25 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
122564	ZE 1: LSB participant address 25 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
122565	ZE 1: LSB participant address 25 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
122566	ZE 1: LSB participant address 25 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
122567	ZE 1: LSB participant address 25 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
122604	ZE 1: LSB participant address 26 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
122605	ZE 1: LSB participant address 26 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
122618	ZE 1: LSB participant address 26 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
122650	ZE 1: LSB participant address 26 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
122651	ZE 1: LSB participant address 26 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
122653	ZE 1: LSB participant address 26 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
122654	ZE 1: LSB participant address 26 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
122664	ZE 1: LSB participant address 26 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
122665	ZE 1: LSB participant address 26 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
122666	ZE 1: LSB participant address 26 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
122667	ZE 1: LSB participant address 26 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
122704	ZE 1: LSB participant address 27 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
122705	ZE 1: LSB participant address 27 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
122718	ZE 1: LSB participant address 27 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
122750	ZE 1: LSB participant address 27 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
122751	ZE 1: LSB participant address 27 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
122753	ZE 1: LSB participant address 27 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
122754	ZE 1: LSB participant address 27 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
122764	ZE 1: LSB participant address 27 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
122765	ZE 1: LSB participant address 27 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
122766	ZE 1: LSB participant address 27 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
122767	ZE 1: LSB participant address 27 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
122804	ZE 1: LSB participant address 28 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
122805	ZE 1: LSB participant address 28 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
122818	ZE 1: LSB participant address 28 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
122850	ZE 1: LSB participant address 28 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
122851	ZE 1: LSB participant address 28 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
122853	ZE 1: LSB participant address 28 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
122854	ZE 1: LSB participant address 28 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
122864	ZE 1: LSB participant address 28 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
122865	ZE 1: LSB participant address 28 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
122866	ZE 1: LSB participant address 28 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
122867	ZE 1: LSB participant address 28 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
122904	ZE 1: LSB participant address 29 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
122905	ZE 1: LSB participant address 29 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
122918	ZE 1: LSB participant address 29 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
122950	ZE 1: LSB participant address 29 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
122951	ZE 1: LSB participant address 29 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
122953	ZE 1: LSB participant address 29 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
122954	ZE 1: LSB participant address 29 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
122964	ZE 1: LSB participant address 29 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
122965	ZE 1: LSB participant address 29 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
122966	ZE 1: LSB participant address 29 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
122967	ZE 1: LSB participant address 29 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
123004	ZE 1: LSB participant address 30 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
123005	ZE 1: LSB participant address 30 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
123018	ZE 1: LSB participant address 30 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
123050	ZE 1: LSB participant address 30 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
123051	ZE 1: LSB participant address 30 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
123053	ZE 1: LSB participant address 30 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
123054	ZE 1: LSB participant address 30 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
123064	ZE 1: LSB participant address 30 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
123065	ZE 1: LSB participant address 30 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
123066	ZE 1: LSB participant address 30 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
123067	ZE 1: LSB participant address 30 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
123252	ZE 1: Control data transfer LSB has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A421.X2:z14/z16		E	0
123255	ZE 1: Control data transfer LSB Bus connection faulty/defect, short circuit to supply voltage entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A421.X2:z14/z16		E	2
123256	ZE 1: Control data transfer LSB Bus connection faulty/defect, no supply/short circuit to earth entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A421.X2:z14/z16		E	2
123257	ZE 1: Control data transfer LSB has recognised network re-set (data transfer starts again) entry in error memory, driver re-starts and runs re-booting of network check bus lines, withdraw sensors successively from bus until malfunction source recognised, replace defective part	A421.X2:z14/z16		E	1
123258	ZE 1: Control data transfer LSB recognised participant with incorrect baud rate in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated from system itself, check address assignment of sensors	A421.X2:z14/z16		E	0
123259	ZE 1: Control data transfer LSB recognised communication breakdown in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated by driver through re-booting of network	A421.X2:z14/z16		E	0
123260	ZE 1: Control data transfer LSB driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant with temporary malfunctions error will be eliminated by system itself, with incorrect configuration install new software	A421.X2:z14/z16		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
123261	ZE 1: Control data transfer LSB driver error: undefined message appears entry in error memory, driver re-starts and runs re-booting of network with temporary malf. error will be eliminated by system itself otherwise new Software necessary for error elimination	A421.X2:z14/z16		E	2
123262	ZE 1: Control data transfer LSB Driver error: Initialization error entry in error memory, driver re-starts and runs re-booting of network new Software is necessary for error elimination	A421.X2:z14/z16		E	2
125814	ZE 1: input 10 short circuit to supply voltage report of error, shut-down through application Check sensor line for short-circuit, for faulty sensors by pulling out sensor, connection to input	A421.X2:d22		E	1
125856	ZE 1: input 10 open circuit or short circuit to ground report of error, shut-down through application Check supply voltage, input LICCON, sensor line for interruption, for faulty sensors by pulling out G	A421.X2:d22		E	1
126114	ZE 1: input 13 short circuit to supply voltage report of error, shut-down through application Check sensor line for short-circuit, for faulty sensors by pulling out sensor, connection to input	A421.X2:d28		E	1
126156	ZE 1: input 13 open circuit or short circuit to ground report of error, shut-down through application Check supply voltage, input LICCON, sensor line for interruption, for faulty sensors by pulling out G	A421.X2:d28		E	1
126214	ZE 1: input 14 short circuit to supply voltage report of error, shut-down through application Check sensor line for short-circuit, for faulty sensors by pulling out sensor, connection to input	A421.X2:d30		E	1
126256	ZE 1: input 14 open circuit or short circuit to ground report of error, shut-down through application Check supply voltage, input LICCON, sensor line for interruption, for faulty sensors by pulling out G	A421.X2:d30		E	1
126314	ZE 1: input 15 short circuit to supply voltage report of error, shut-down through application Check sensor line for short-circuit, for faulty sensors by pulling out sensor, connection to input	A421.X2:d32		E	1
126356	ZE 1: input 15 open circuit or short circuit to ground report of error, shut-down through application Check supply voltage, input LICCON, sensor line for interruption, for faulty sensors by pulling out G	A421.X2:d32		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
130008	ZE 1: LMB Winch 3 not adjusted, rope lengths-/range of lift display faulty Imprecise winch control and incorrect rope length display on this winch Readjust rope length display for this winch	A421		E	1
130009	ZE 1: LMB Winch 4 not adjusted, rope lengths-/range of lift display faulty Imprecise winch control and incorrect rope length display on this winch Readjust rope length display for this winch	A421		E	1
130010	ZE 1: LMB Winch 5 not adjusted, rope lengths-/range of lift display faulty Imprecise winch control and incorrect rope length display on this winch Readjust rope length display for this winch	A421		E	1
130011	ZE 1: LMB Winch 6 not adjusted, rope lengths-/range of lift display faulty Imprecise winch control and incorrect rope length display on this winch Readjust rope length display for this winch	A421		E	1
130017	ZE 1: LMB Pressure transducer overtop guard cyl derrick faulty/not present error report only Check sensor and supply line, replace faulty sensor	A421		E	1
130018	ZE 1: LMB Measuring signal derrick implausible (moment to the rear) error report only Check meas. points 1,3,4,5, angle sensor derr, pressure transducer RFP derr, length indic derr count and replace if nec.	A421		B	1
130019	ZE 1: LMB Measuring signal derrick implausible (moment to the front) error report only Check meas. points 1,3,4,5, angle sensor derr, pressure transducer RFP derr, length indic derr count and replace if nec.	A421		B	1
130020	ZE 1: LMB B-guide frame not definitely bolted front or rear Derrick counterweight radius has poss. been calculated short for front bolting point, load will poss. be reduced Check dummy plug signals	A421		B	1
130021	ZE 1: LMB Derrick ballast input value outside of permissible area error report only Set correct value	A421		B	1
130022	ZE 1: LMB Derrick ballast input not possible, master switch disengaged error report only Put all master switches in zero position	A421		B	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
130023	ZE 1: LMB Several winches 6 (A, B, ...) installed simultaneously LMB calculates using the weakest type of winch (default-winch type), max. load is reduced if necessary Check affiliated LSB sensor	A421		E	1
130026	ZE 1: LMB Pressure transmitter D-RFP A (left) erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A421		E	2
130027	ZE 1: LMB Pressure transmitter D-RFP B (right) erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A421		E	2
130029	ZE 1: LMB Derrick counterw. entry too small, derrick measuring sign. implausible F1max-operation-limit value is possibly smaller than theoretically possible Check derrick counterweight entry value, check sensor on derrick	A421		B	1
130044	ZE 1: LMB Pressure transmitter test pt.5 A (left) DB-lift cyl. piston surface e error report only Check sensor and supply line, replace faulty sensor	A421		E	2
130045	ZE 1: LMB Pressure transmitter test pt.5 B (right) DB-lift cyl. piston surface e error report only Check sensor and supply line, replace faulty sensor	A421		E	2
130065	ZE 1: LMB computation-bound program part will no longer run LMB-Stop: Load torque increasing movements cannot be affected on starting, the set-up equipment program key was pressed	A421		B	2
130073	ZE 1: LMB Derrick counterweight-hoist cylinder extended bump stop F1max-Operation-Limit value possibly less than theoretically possible(safe side) drawn derrick counterweight invalid Retract cylinder	A421		B	2
130077	ZE 1: LMB Derrick ballast DB-hoist cylinder retracted Block position/implausible LMB:Stop: Load may be too large, pulled derrick ballast is invalid, load moment increasing movements not Extend cyl.	A421		B	2
1300BE	ZE 1: LMB One / several bal. limit switches erroneous / missing. F1min is not re F1min-Reduction not possible, cannot be recognized if ballast is susp. Check ballast limit switch and replace if nec.	A421		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
130126	ZE 1: LMB STOP, press. tran. count. R measuring point 4A faulty/not present Weighed derrick counterweight is imprecise and LMB-Stop: Load moment increased movements not operable Check sensor and supply line, replace faulty sensor	A421		E	2
130127	ZE 1: LMB STOP, press. tran. count. R measuring point 4B faulty/not present Weighed derrick counterweight is imprecise and LMB-Stop: Load moment increased movements not operable Check sensor and supply line, replace faulty sensor	A421		E	2
130128	ZE 1: LMB STOP, press. tran. count. K measuring point 5 faulty/not present Weighed derrick counterweight is imprecise and LMB-Stop: Load moment increased movements not operable Check sensor and supply line, replace faulty sensor	A421		E	2
130129	ZE 1: LMB STOP, length indicator derrick counterweight faulty/not present LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A421		E	2
130158	ZE 1: LMB Derrick ballast, weighing and entry implausible LMB-Stop: Load torque increasing movements cannot be affected Check derrick counterweight input value, check sensor for derrick counterweight weighing + length indicator	A421		B	2
130159	ZE 1: LMB Derrick angle not in permissible derrick angle window LMB-Stop: Load torque increasing movements cannot be affected Luff derrick into permissible angle area	A421		B	2
130183	ZE 1: LMB STOP, Difference between derrick ballast force A/B too great LMB-Stop: Load torque increasing movements cannot be affected Load both derrick counterweight tensioners evenly	A421		B	2
130233	ZE 1: LMB STOP, both pressure transmitters D-RFP A/B erroneous/fehlen LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A421		E	2
130234	ZE 1: LMB STOP, both pressure transmitters test pt.5 DB-lift cyl. KF A/B errone LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A421		E	2
130241	ZE 1: LMB STOP, overflow with calculation LMB-Stop: Load torque increasing movements cannot be affected Check sensor values, manual adjustments and actual crane condition, if necessary inform after-sales-service	A421		B	3

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
130245	ZE 1: LMB STOP, internal memory error/program part implausible LMB-Stop: Load torque increasing movements cannot be affected Read error report/display in LICCON test system special diagram "LMB - ERRORS", inform after-sales service	A421		E	3
132800	ZE 1: control slewing No swing movement recognised with selected swing gear Output of error Actuate slewing gear with at least 1/8 init current and check incremental counter (dir. of rotation/function)	A421		E	
135802	ZE 1: operation slewing Shut-down counterweight on ground Operational shut-down, shuntable via raised key switch B/BW - only switch on if B/BW safely raised If possible raise the wheels via lifting the load or reducing the mounted suspended counterweight	A421		B	
135803	ZE 1: operation slewing Shut-down support counterweight carriage is not retracted Operation conditional switch off, may not be shunted Retract support cylinder counterweight carriage completely	A421		B	
135804	ZE 1: operation slewing Shut-down wheels counterweight carriage not in rotary position Operation conditional switch off, may not be shunted With the pre-selection key "Rotary travel BW" turn the wheels of the counterweight carriage (BW) into turning position	A421		B	
135805	ZE 1: operation slewing Shut-down swing with parallel travel count. carriage not possible Operation conditional switch off, may not be shunted With the pre-selection key "Rotary travel BW" turn the wheels of the counterweight carriage (BW) into turning position	A421		B	
135808	ZE 1: operation slewing shut-down slewing right working area limitation ABB operational shut down slew left until crane is in working area again - shunting through shut-down of working area limitation	A421		B	
135809	ZE 1: operation slewing shut-down slewing left working area limitation ABB operational shut down slew right until crane is in working area again - shunting through shut-down of working area limitation	A421		B	
135810	ZE 1: operation slewing Shut-down free swing gear working area limitation ABB is active operational shut down slew right until crane is in working area again - shunting through shut-down of working area limitation	A421		B	
135819	ZE 1: operation slewing no or invalid operation mode shut-down Operation conditional switch off, may not be shunted eliminate error see corresponding system error	A421		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
135820	ZE 1: operation slewing shut-down slewing right LMB operational shut down slew left until crane is within support area again - shut-down can be shunted (danger)	A421		B	
135821	ZE 1: operation slewing shut-down slewing left LMB operational shut down slew right until crane is within support area again - shut-down can be shunted (danger)	A421		B	
135822	ZE 1: operation slewing Shut-down right-hand swing maximum load exceeded operational shut down Turn left until crane once again within the support area or reduce load - shut-down may be shunted (danger)	A421		B	
135823	ZE 1: operation slewing Shut-down left-hand swing maximum load exceeded operational shut down Turn right until crane once again within the support area or reduce load - shut-down may be shunted (danger)	A421		B	
135824	ZE 1: operation slewing Shut-down free swing gear swing area limitation load is on operational shut down Select load chart without swing area monitoring	A421		B	
135825	ZE 1: operation slewing Shut-off free-swing swing gear crane engine not functioning Output of error, crane function is not selected. Should crane function be required, start engine and re-actuate foot switch.	A421		B	
135826	ZE 1: operation slewing Switch-off foot switch swing gear free-sw. stick./actuated with start Output of error, crane function is not selected. Release foot switch swing gear free on or check key and its cabling for correct functioning	A421		B	
135831	ZE 1: operation slewing Master switch 2 faulty/not present Operation conditional switch off, may not be shunted eliminate error see corresponding system error	A421		B	
135839	ZE 1: operation slewing seat contact shut-down operational shut down Sit down or actuate one of the shunting switches for the seat contact in the master switches.	A421		B	
13583E	ZE 1: operation slewing Shut off master switch zero position forced operational shut down Bring the master switch to neutral pos. and then deflect the desired movement again	A421		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
135842	ZE 1: operation slewing Shut off turn right pin guide LTR not touching	A421		B	
135843	ZE 1: operation slewing Shut off turn left pin guide LTR not touching	A421		B	
135844	ZE 1: operation slewing Shut-off crane engine not running Output of error, crane function is not selected. Should crane function be required, start engine and re-actuate master switch.	A421		B	
135849	ZE 1: operation slewing Shut off pressure difference ballast cylinder A/B too large operational shut down Press "A-Stop" key or "B-Stop" key to move only one ballast cylinder to equalize forces in side A/B	A421		B	
13584B	ZE 1: operation slewing Shut off pulled LTR-ballast too small operational shut down	A421		B	
135854	ZE 1: operation slewing Shut-down overtopping guard cylinder main boom in bump stop Operation conditional switch off, may not be shunted Wind off main boom - adjusting winch until overtopping guard cylinder no longer in bump stop	A421		B	
135855	ZE 1: operation slewing Shut-down overtopping guard cylinder derrick boom in bump stop Operation conditional switch off, may not be shunted Wind off derrick boom - adjusting winch until overtopping guard cylinder no longer in bump stop	A421		B	
135858	ZE 1: operation slewing Shut-down guide frame - counterweight bump stop upper Operation conditional switch off, may not be shunted If possible, extend with ballast cylinder, spool up winch 4 or retract support BW move from block position	A421		B	
135859	ZE 1: operation slewing Shut-down guide frame - counterweight bump stop lower Operation conditional switch off, may not be shunted If possible, retract with ballast cylinder, spool out winch 4 or extend support BW move from block position	A421		B	
135870	ZE 1: operation slewing Shut-down lim switch "Count. on ground" vo. left faulty/not present Operation conditional switch off, may not be shunted Release master switch - error remedying see corresponding system error.	A421		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
135871	ZE 1: operation slewing Shut-down lim switch "Count. on ground" vo. right faulty/not presen Operation conditional switch off, may not be shunted Release master switch - error remedying see corresponding system error.	A421		B	
135872	ZE 1: operation slewing Shut-down lim switch "Count. on ground" hi. left faulty/not present Operation conditional switch off, may not be shunted Release master switch - error remedying see corresponding system error.	A421		B	
135873	ZE 1: operation slewing Shut-down lim switch "Count. on ground" hi. right faulty/not presen Operation conditional switch off, may not be shunted Release master switch - error remedying see corresponding system error.	A421		B	
135874	ZE 1: operation slewing Shut-down limit switch "Support retracted" vo. faulty/not present Operation conditional switch off, may not be shunted Release master switch - error remedying see corresponding system error.	A421		B	
135875	ZE 1: operation slewing Shut-down limit switch "Support retracted" hi. faulty/not present Operation conditional switch off, may not be shunted Release master switch - error remedying see corresponding system error.	A421		B	
135885	ZE 1: operation slewing Shut-down limit switch "RFP Main boom" right faulty/not present Operation conditional switch off, may not be shunted Release master switch - error remedying see corresponding system error.	A421		B	
135886	ZE 1: operation slewing Shut-down limit switch "RFP Main boom" links faulty/not present Operation conditional switch off, may not be shunted Release master switch - error remedying see corresponding system error.	A421		B	
135887	ZE 1: operation slewing Shut-down limit switch "Overtop guard cyl D" right faulty/not prese Operation conditional switch off, may not be shunted Release master switch - error remedying see corresponding system error.	A421		B	
135888	ZE 1: operation slewing Shut-down limit switch "Overtop guard cyl D" left faulty/not presen Operation conditional switch off, may not be shunted Release master switch - error remedying see corresponding system error.	A421		B	
135893	ZE 1: operation slewing Shut-down limit switch right "Lower count. block" faulty/not pre Operation conditional switch off, may not be shunted Release master switch - error remedying see corresponding system error.	A421		B	



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
135894	ZE 1: operation slewing Shut-down limit switch "Lower count. block" left faulty/not present Operation conditional switch off, may not be shunted Release master switch - error remedying see corresponding system error.	A421		B	
135895	ZE 1: operation slewing Shut-down limit switch "Upper count. block" right faulty/not present Operation conditional switch off, may not be shunted Release master switch - error remedying see corresponding system error.	A421		B	
135896	ZE 1: operation slewing Shut-down limit switch "Upper count. block" left faulty/not present Operation conditional switch off, may not be shunted Release master switch - error remedying see corresponding system error.	A421		B	
1358B4	ZE 1: operation slewing Master switch left BTTE erroneous/missing operational shut down Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A421		B	
136900	ZE 1: Operation crane control Shut-down assembly cylinder without or with invalid operation type Output of error, shut-down via application. Set correct operation type or disassemble accessory part - shut-down may not be shunted.	A421		B	
136901	ZE 1: Operation crane control Shut-down assembly cylinder master switch 2 faulty / not present Output of error, shut-down via application. Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A421		B	
136902	ZE 1: Operation crane control Shut-off assembly cylinder LMB	A421		B	
136903	ZE 1: Operation crane control Shut-off assembly cylinder seating contact	A421		B	
136904	ZE 1: Operation crane control Shut-off assembly cylinder test point 1 > F max - Assembly	A421		B	
13693E	ZE 1: Operation crane control Shut off master switch zero position forced operational shut down Bring the master switch to neutral pos. and then deflect the desired movement again	A421		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
136942	ZE 1: Operation crane control Emergency op. crane cont. switched on with start test-safety chain report of error, otherwise no reaction Switch off emergency operation, restart LICCON, test safety chain will then be carried out	A421		E	1
136943	ZE 1: Operation crane control Emergency op. crane control switched on during test-safety chain report of error, otherwise no reaction Switch off emergency operation, restart LICCON, test safety chain will then be carried out	A421		E	1
136944	ZE 1: Operation crane control Shut-off crane engine not running Output of error, crane function is not selected. Should crane function be required, start engine and re-actuate master switch.	A421		B	
136945	ZE 1: Operation crane control Engine-start blocked, master switch deflected or key actuated Issue of error, engine-start is prevented Switch master switch to neutral, release key or check master switch and keys for correct functioning	A421		B	
136980	ZE 1: Operation crane control Carry out engine stop w. button, replen. pr. switch no pressure missin Issue of op. error, error display for repl. Pr. switch cont. actuation or short circuit VCC is suppressed Follow instr., turn engine off via engine STOP button or if ign. On, wait until LICCON runs	A421		B	2
1369B4	ZE 1: Operation crane control Master switch left BTTE erroneous/missing operational shut down Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A421		B	
187252	E/A-Modul 1: Control data transfer LSB-B has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A11.X3:4/6		E	0
187255	E/A-Modul 1: Control data transfer LSB-B Bus connection faulty/defect, short circuit to supply voltage entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A11.X3:4/6		E	2
187256	E/A-Modul 1: Control data transfer LSB-B Bus connection faulty/defect, no supply/short circuit to earth entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A11.X3:4/6		E	2
187257	E/A-Modul 1: Control data transfer LSB-B has recognised network re-set (data transfer starts again) entry in error memory, driver re-starts and runs re-booting of network check bus lines, withdraw sensors successively from bus until malfunction source recognised, replace defective part	A11.X3:4/6		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
187258	E/A-Modul 1: Control data transfer LSB-B recognised participant with incorrect baud rate in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated from system itself, check address assignment of sensors	A11.X3:4/6		E	0
187259	E/A-Modul 1: Control data transfer LSB-B recognised communication breakdown in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated by driver through re-booting of network	A11.X3:4/6		E	0
187260	E/A-Modul 1: Control data transfer LSB-B driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant with temporary malfunctions error will be eliminated by system itself, with incorrect configuration install new software	A11.X3:4/6		E	2
187261	E/A-Modul 1: Control data transfer LSB-B driver error: undefined message appears entry in error memory, driver re-starts and runs re-booting of network with temporary malfunc. error will be eliminated by system itself otherwise new Software necessary for error elimination	A11.X3:4/6		E	2
187262	E/A-Modul 1: Control data transfer LSB-B Driver error: Initialization error entry in error memory, driver re-starts and runs re-booting of network new Software is necessary for error elimination	A11.X3:4/6		E	2
1A0050	LSB-BSE1: LSBA Participant Adr. 0 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0051	LSB-BSE1: LSBA Participant Adr. 0 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0053	LSB-BSE1: LSBA Participant Adr. 0 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0054	LSB-BSE1: LSBA Participant Adr. 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0064	LSB-BSE1: LSBA Participant Adr. 0 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0065	LSB-BSE1: LSBA Participant Adr. 0 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0066	LSB-BSE1: LSBA Participant Adr. 0 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0067	LSB-BSE1: LSBA Participant Adr. 0 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0068	LSB-BSE1: LSBA Participant Adr. 0 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A0069	LSB-BSE1: LSBA Participant Adr. 0 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0150	LSB-BSE1: LSBA Participant Adr. 1 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0151	LSB-BSE1: LSBA Participant Adr. 1 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0153	LSB-BSE1: LSBA Participant Adr. 1 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0154	LSB-BSE1: LSBA Participant Adr. 1 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0164	LSB-BSE1: LSBA Participant Adr. 1 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0165	LSB-BSE1: LSBA Participant Adr. 1 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0166	LSB-BSE1: LSBA Participant Adr. 1 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0167	LSB-BSE1: LSBA Participant Adr. 1 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0168	LSB-BSE1: LSBA Participant Adr. 1 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A0169	LSB-BSE1: LSBA Participant Adr. 1 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0250	LSB-BSE1: LSBA Participant Adr. 2 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0251	LSB-BSE1: LSBA Participant Adr. 2 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0253	LSB-BSE1: LSBA Participant Adr. 2 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0254	LSB-BSE1: LSBA Participant Adr. 2 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0264	LSB-BSE1: LSBA Participant Adr. 2 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0265	LSB-BSE1: LSBA Participant Adr. 2 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0266	LSB-BSE1: LSBA Participant Adr. 2 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0267	LSB-BSE1: LSBA Participant Adr. 2 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0268	LSB-BSE1: LSBA Participant Adr. 2 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A0269	LSB-BSE1: LSBA Participant Adr. 2 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0350	LSB-BSE1: LSBA Participant Adr. 3 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0351	LSB-BSE1: LSBA Participant Adr. 3 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0353	LSB-BSE1: LSBA Participant Adr. 3 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0354	LSB-BSE1: LSBA Participant Adr. 3 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0364	LSB-BSE1: LSBA Participant Adr. 3 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0365	LSB-BSE1: LSBA Participant Adr. 3 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0366	LSB-BSE1: LSBA Participant Adr. 3 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0367	LSB-BSE1: LSBA Participant Adr. 3 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0368	LSB-BSE1: LSBA Participant Adr. 3 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A0369	LSB-BSE1: LSBA Participant Adr. 3 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0550	LSB-BSE1: LSBA Participant Adr. 5 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0551	LSB-BSE1: LSBA Participant Adr. 5 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0553	LSB-BSE1: LSBA Participant Adr. 5 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0554	LSB-BSE1: LSBA Participant Adr. 5 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0564	LSB-BSE1: LSBA Participant Adr. 5 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0565	LSB-BSE1: LSBA Participant Adr. 5 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0566	LSB-BSE1: LSBA Participant Adr. 5 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0567	LSB-BSE1: LSBA Participant Adr. 5 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0568	LSB-BSE1: LSBA Participant Adr. 5 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A0569	LSB-BSE1: LSBA Participant Adr. 5 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0650	LSB-BSE1: LSBA Participant Adr. 6 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0651	LSB-BSE1: LSBA Participant Adr. 6 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0653	LSB-BSE1: LSBA Participant Adr. 6 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0654	LSB-BSE1: LSBA Participant Adr. 6 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0664	LSB-BSE1: LSBA Participant Adr. 6 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0665	LSB-BSE1: LSBA Participant Adr. 6 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0666	LSB-BSE1: LSBA Participant Adr. 6 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0667	LSB-BSE1: LSBA Participant Adr. 6 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0668	LSB-BSE1: LSBA Participant Adr. 6 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A0669	LSB-BSE1: LSBA Participant Adr. 6 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0750	LSB-BSE1: LSBA Participant Adr. 7 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0751	LSB-BSE1: LSBA Participant Adr. 7 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0753	LSB-BSE1: LSBA Participant Adr. 7 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0754	LSB-BSE1: LSBA Participant Adr. 7 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0764	LSB-BSE1: LSBA Participant Adr. 7 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0765	LSB-BSE1: LSBA Participant Adr. 7 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0766	LSB-BSE1: LSBA Participant Adr. 7 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0767	LSB-BSE1: LSBA Participant Adr. 7 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0768	LSB-BSE1: LSBA Participant Adr. 7 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A0769	LSB-BSE1: LSBA Participant Adr. 7 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0850	LSB-BSE1: LSBA Participant Adr. 8 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0851	LSB-BSE1: LSBA Participant Adr. 8 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0853	LSB-BSE1: LSBA Participant Adr. 8 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0854	LSB-BSE1: LSBA Participant Adr. 8 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0864	LSB-BSE1: LSBA Participant Adr. 8 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0865	LSB-BSE1: LSBA Participant Adr. 8 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0866	LSB-BSE1: LSBA Participant Adr. 8 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0867	LSB-BSE1: LSBA Participant Adr. 8 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0868	LSB-BSE1: LSBA Participant Adr. 8 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A0869	LSB-BSE1: LSBA Participant Adr. 8 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0950	LSB-BSE1: LSBA Participant Adr. 9 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0951	LSB-BSE1: LSBA Participant Adr. 9 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0953	LSB-BSE1: LSBA Participant Adr. 9 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0954	LSB-BSE1: LSBA Participant Adr. 9 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0964	LSB-BSE1: LSBA Participant Adr. 9 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0965	LSB-BSE1: LSBA Participant Adr. 9 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0966	LSB-BSE1: LSBA Participant Adr. 9 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0967	LSB-BSE1: LSBA Participant Adr. 9 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0968	LSB-BSE1: LSBA Participant Adr. 9 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A0969	LSB-BSE1: LSBA Participant Adr. 9 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0A50	LSB-BSE1: LSBA Participant Adr. 10 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0A51	LSB-BSE1: LSBA Participant Adr. 10 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0A53	LSB-BSE1: LSBA Participant Adr. 10 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0A54	LSB-BSE1: LSBA Participant Adr. 10 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0A64	LSB-BSE1: LSBA Participant Adr. 10 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0A65	LSB-BSE1: LSBA Participant Adr. 10 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0A66	LSB-BSE1: LSBA Participant Adr. 10 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0A67	LSB-BSE1: LSBA Participant Adr. 10 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0A68	LSB-BSE1: LSBA Participant Adr. 10 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A0A69	LSB-BSE1: LSBA Participant Adr. 10 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0B50	LSB-BSE1: LSBA Participant Adr. 11 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0B51	LSB-BSE1: LSBA Participant Adr. 11 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0B53	LSB-BSE1: LSBA Participant Adr. 11 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0B54	LSB-BSE1: LSBA Participant Adr. 11 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0B64	LSB-BSE1: LSBA Participant Adr. 11 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0B65	LSB-BSE1: LSBA Participant Adr. 11 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0B66	LSB-BSE1: LSBA Participant Adr. 11 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0B67	LSB-BSE1: LSBA Participant Adr. 11 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0B68	LSB-BSE1: LSBA Participant Adr. 11 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A0B69	LSB-BSE1: LSBA Participant Adr. 11 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0C50	LSB-BSE1: LSBA Participant Adr. 12 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0C51	LSB-BSE1: LSBA Participant Adr. 12 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0C53	LSB-BSE1: LSBA Participant Adr. 12 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0C54	LSB-BSE1: LSBA Participant Adr. 12 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0C64	LSB-BSE1: LSBA Participant Adr. 12 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0C65	LSB-BSE1: LSBA Participant Adr. 12 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0C66	LSB-BSE1: LSBA Participant Adr. 12 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0C67	LSB-BSE1: LSBA Participant Adr. 12 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0C68	LSB-BSE1: LSBA Participant Adr. 12 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A0C69	LSB-BSE1: LSBA Participant Adr. 12 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0D50	LSB-BSE1: LSBA Participant Adr. 13 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0D51	LSB-BSE1: LSBA Participant Adr. 13 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0D53	LSB-BSE1: LSBA Participant Adr. 13 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0D54	LSB-BSE1: LSBA Participant Adr. 13 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0D64	LSB-BSE1: LSBA Participant Adr. 13 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0D65	LSB-BSE1: LSBA Participant Adr. 13 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0D66	LSB-BSE1: LSBA Participant Adr. 13 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0D67	LSB-BSE1: LSBA Participant Adr. 13 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0D68	LSB-BSE1: LSBA Participant Adr. 13 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A0D69	LSB-BSE1: LSBA Participant Adr. 13 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0E50	LSB-BSE1: LSBA Participant Adr. 14 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0E51	LSB-BSE1: LSBA Participant Adr. 14 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0E53	LSB-BSE1: LSBA Participant Adr. 14 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0E54	LSB-BSE1: LSBA Participant Adr. 14 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0E64	LSB-BSE1: LSBA Participant Adr. 14 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0E65	LSB-BSE1: LSBA Participant Adr. 14 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0E66	LSB-BSE1: LSBA Participant Adr. 14 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0E67	LSB-BSE1: LSBA Participant Adr. 14 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0E68	LSB-BSE1: LSBA Participant Adr. 14 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A0E69	LSB-BSE1: LSBA Participant Adr. 14 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0F50	LSB-BSE1: LSBA Participant Adr. 15 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0F51	LSB-BSE1: LSBA Participant Adr. 15 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0F53	LSB-BSE1: LSBA Participant Adr. 15 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0F54	LSB-BSE1: LSBA Participant Adr. 15 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0F64	LSB-BSE1: LSBA Participant Adr. 15 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0F65	LSB-BSE1: LSBA Participant Adr. 15 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0F66	LSB-BSE1: LSBA Participant Adr. 15 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0F67	LSB-BSE1: LSBA Participant Adr. 15 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0F68	LSB-BSE1: LSBA Participant Adr. 15 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A0F69	LSB-BSE1: LSBA Participant Adr. 15 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A1050	LSB-BSE1: LSBA Participant Adr. 16 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A1051	LSB-BSE1: LSBA Participant Adr. 16 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A1053	LSB-BSE1: LSBA Participant Adr. 16 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A1054	LSB-BSE1: LSBA Participant Adr. 16 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A1064	LSB-BSE1: LSBA Participant Adr. 16 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A1065	LSB-BSE1: LSBA Participant Adr. 16 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A1066	LSB-BSE1: LSBA Participant Adr. 16 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A1067	LSB-BSE1: LSBA Participant Adr. 16 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A1068	LSB-BSE1: LSBA Participant Adr. 16 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A1069	LSB-BSE1: LSBA Participant Adr. 16 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A1650	LSB-BSE1: LSBA Participant Adr. 22 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A1651	LSB-BSE1: LSBA Participant Adr. 22 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A1653	LSB-BSE1: LSBA Participant Adr. 22 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A1654	LSB-BSE1: LSBA Participant Adr. 22 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A1664	LSB-BSE1: LSBA Participant Adr. 22 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A1665	LSB-BSE1: LSBA Participant Adr. 22 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A1666	LSB-BSE1: LSBA Participant Adr. 22 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A1667	LSB-BSE1: LSBA Participant Adr. 22 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A1668	LSB-BSE1: LSBA Participant Adr. 22 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A1669	LSB-BSE1: LSBA Participant Adr. 22 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A1750	LSB-BSE1: LSBA Participant Adr. 23 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A1751	LSB-BSE1: LSBA Participant Adr. 23 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A1753	LSB-BSE1: LSBA Participant Adr. 23 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A1754	LSB-BSE1: LSBA Participant Adr. 23 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A1764	LSB-BSE1: LSBA Participant Adr. 23 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A1765	LSB-BSE1: LSBA Participant Adr. 23 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A1766	LSB-BSE1: LSBA Participant Adr. 23 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A1767	LSB-BSE1: LSBA Participant Adr. 23 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A1768	LSB-BSE1: LSBA Participant Adr. 23 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A1769	LSB-BSE1: LSBA Participant Adr. 23 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A1850	LSB-BSE1: LSBA Participant Adr. 24 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A1851	LSB-BSE1: LSBA Participant Adr. 24 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A1853	LSB-BSE1: LSBA Participant Adr. 24 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A1854	LSB-BSE1: LSBA Participant Adr. 24 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A1864	LSB-BSE1: LSBA Participant Adr. 24 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A1865	LSB-BSE1: LSBA Participant Adr. 24 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A1866	LSB-BSE1: LSBA Participant Adr. 24 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A1867	LSB-BSE1: LSBA Participant Adr. 24 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A1868	LSB-BSE1: LSBA Participant Adr. 24 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A1869	LSB-BSE1: LSBA Participant Adr. 24 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A1950	LSB-BSE1: LSBA Participant Adr. 25 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A1951	LSB-BSE1: LSBA Participant Adr. 25 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A1953	LSB-BSE1: LSBA Participant Adr. 25 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A1954	LSB-BSE1: LSBA Participant Adr. 25 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A1964	LSB-BSE1: LSBA Participant Adr. 25 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A1965	LSB-BSE1: LSBA Participant Adr. 25 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A1966	LSB-BSE1: LSBA Participant Adr. 25 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A1967	LSB-BSE1: LSBA Participant Adr. 25 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A1968	LSB-BSE1: LSBA Participant Adr. 25 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A1969	LSB-BSE1: LSBA Participant Adr. 25 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A1A50	LSB-BSE1: LSBA Participant Adr. 26 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A1A51	LSB-BSE1: LSBA Participant Adr. 26 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A1A53	LSB-BSE1: LSBA Participant Adr. 26 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A1A54	LSB-BSE1: LSBA Participant Adr. 26 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A1A64	LSB-BSE1: LSBA Participant Adr. 26 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A1A65	LSB-BSE1: LSBA Participant Adr. 26 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A1A66	LSB-BSE1: LSBA Participant Adr. 26 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A1A67	LSB-BSE1: LSBA Participant Adr. 26 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A1A68	LSB-BSE1: LSBA Participant Adr. 26 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A1A69	LSB-BSE1: LSBA Participant Adr. 26 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A1B50	LSB-BSE1: LSBA Participant Adr. 27 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A1B51	LSB-BSE1: LSBA Participant Adr. 27 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A1B53	LSB-BSE1: LSBA Participant Adr. 27 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A1B54	LSB-BSE1: LSBA Participant Adr. 27 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A1B64	LSB-BSE1: LSBA Participant Adr. 27 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A1B65	LSB-BSE1: LSBA Participant Adr. 27 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A1B66	LSB-BSE1: LSBA Participant Adr. 27 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A1B67	LSB-BSE1: LSBA Participant Adr. 27 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A1B68	LSB-BSE1: LSBA Participant Adr. 27 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A1B69	LSB-BSE1: LSBA Participant Adr. 27 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A1C50	LSB-BSE1: LSBA Participant Adr. 28 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A1C51	LSB-BSE1: LSBA Participant Adr. 28 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A1C53	LSB-BSE1: LSBA Participant Adr. 28 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A1C54	LSB-BSE1: LSBA Participant Adr. 28 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A1C64	LSB-BSE1: LSBA Participant Adr. 28 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A1C65	LSB-BSE1: LSBA Participant Adr. 28 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A1C66	LSB-BSE1: LSBA Participant Adr. 28 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A1C67	LSB-BSE1: LSBA Participant Adr. 28 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A1C68	LSB-BSE1: LSBA Participant Adr. 28 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A1C69	LSB-BSE1: LSBA Participant Adr. 28 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A1D50	LSB-BSE1: LSBA Participant Adr. 29 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A1D51	LSB-BSE1: LSBA Participant Adr. 29 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A1D53	LSB-BSE1: LSBA Participant Adr. 29 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A1D54	LSB-BSE1: LSBA Participant Adr. 29 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A1D64	LSB-BSE1: LSBA Participant Adr. 29 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A1D65	LSB-BSE1: LSBA Participant Adr. 29 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A1D66	LSB-BSE1: LSBA Participant Adr. 29 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A1D67	LSB-BSE1: LSBA Participant Adr. 29 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A1D68	LSB-BSE1: LSBA Participant Adr. 29 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A1D69	LSB-BSE1: LSBA Participant Adr. 29 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A1E50	LSB-BSE1: LSBA Participant Adr. 30 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A1E51	LSB-BSE1: LSBA Participant Adr. 30 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A1E53	LSB-BSE1: LSBA Participant Adr. 30 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A1E54	LSB-BSE1: LSBA Participant Adr. 30 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A1E64	LSB-BSE1: LSBA Participant Adr. 30 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A1E65	LSB-BSE1: LSBA Participant Adr. 30 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A1E66	LSB-BSE1: LSBA Participant Adr. 30 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A1E67	LSB-BSE1: LSBA Participant Adr. 30 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A1E68	LSB-BSE1: LSBA Participant Adr. 30 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1
1A1E69	LSB-BSE1: LSBA Participant Adr. 30 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A2052	LSB-BSE1: Control data transfer LSBA has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361.X4:9		E	0
1A2055	LSB-BSE1: Control data transfer LSBA Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X4:9		E	2
1A2056	LSB-BSE1: Control data transfer LSBA Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X4:9		E	2
1A2057	LSB-BSE1: Control data transfer LSBA has recognised network re-set (data transfer starts again) Entry in error stack, driver restarts and carried out new initialization of network Check bus line, pull successive sensors from bus until source of problem is found. Replace defective part	A361.X4:9		E	1
1A2058	LSB-BSE1: Control data transfer LSBA recognised participant with incorrect baud rate in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by system. Check address assignment of sensors	A361.X4:9		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A2059	LSB-BSE1: Control data transfer LSBA recognised communication breakdown in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by driver when restarting the network	A361.X4:9		E	0
1A2060	LSB-BSE1: Control data transfer LSBA driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant In case of temporary problems, the error is fixed by system. For incorrect configuration, new software required	A361.X4:9		E	2
1A2061	LSB-BSE1: Control data transfer LSBA driver error: undefined message appears Entry in error stack, driver restarts and carried out new initialization of network In case of temp. problems, the error will be fixed by system, otherwise new software required to remedy the error	A361.X4:9		E	2
1A2062	LSB-BSE1: Control data transfer LSBA Driver error: Initialization error Entry in error stack, driver restarts and carried out new initialization of network New Software necessary to remedy error	A361.X4:9		E	2
1A3050	LSB-BSE1: LSBB Participant Adr. 0 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:10		E	2
1A3051	LSB-BSE1: LSBB Participant Adr. 0 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:10		E	2
1A3053	LSB-BSE1: LSBB Participant Adr. 0 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:10		E	1
1A3054	LSB-BSE1: LSBB Participant Adr. 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:10		E	2
1A3064	LSB-BSE1: LSBB Participant Adr. 0 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:10		E	1
1A3065	LSB-BSE1: LSBB Participant Adr. 0 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:10		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A3066	LSB-BSE1: LSBB Participant Adr. 0 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:10		E	2
1A3067	LSB-BSE1: LSBB Participant Adr. 0 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:10		E	1
1A3068	LSB-BSE1: LSBB Participant Adr. 0 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:10		E	1
1A3069	LSB-BSE1: LSBB Participant Adr. 0 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:10		E	1
1A3250	LSB-BSE1: LSBB Participant Adr. 2 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:10		E	2
1A3251	LSB-BSE1: LSBB Participant Adr. 2 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:10		E	2
1A3253	LSB-BSE1: LSBB Participant Adr. 2 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:10		E	1
1A3254	LSB-BSE1: LSBB Participant Adr. 2 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:10		E	2
1A3264	LSB-BSE1: LSBB Participant Adr. 2 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:10		E	1
1A3265	LSB-BSE1: LSBB Participant Adr. 2 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:10		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A3266	LSB-BSE1: LSBB Participant Adr. 2 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:10		E	2
1A3267	LSB-BSE1: LSBB Participant Adr. 2 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:10		E	1
1A3268	LSB-BSE1: LSBB Participant Adr. 2 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:10		E	1
1A3269	LSB-BSE1: LSBB Participant Adr. 2 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:10		E	1
1A5052	LSB-BSE1: Control data transfer LSBB has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361.X4:10		E	0
1A5055	LSB-BSE1: Control data transfer LSBB Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X4:10		E	2
1A5056	LSB-BSE1: Control data transfer LSBB Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X4:10		E	2
1A5057	LSB-BSE1: Control data transfer LSBB has recognised network re-set (data transfer starts again) Entry in error stack, driver restarts and carried out new initialization of network Check bus line, pull successive sensors from bus until source of problem is found. Replace defective part	A361.X4:10		E	1
1A5058	LSB-BSE1: Control data transfer LSBB recognised participant with incorrect baud rate in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by system. Check address assignment of sensors	A361.X4:10		E	0
1A5059	LSB-BSE1: Control data transfer LSBB recognised communication breakdown in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by driver when restarting the network	A361.X4:10		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A5060	LSB-BSE1: Control data transfer LSBB driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant In case of temporary problems, the error is fixed by system. For incorrect configuration, new software required	A361.X4:10		E	2
1A5061	LSB-BSE1: Control data transfer LSBB driver error: undefined message appears Entry in error stack, driver restarts and carried out new initialization of network In case of temp. problems, the error will be fixed by system, otherwise new software required to remedy the error	A361.X4:10		E	2
1A5062	LSB-BSE1: Control data transfer LSBB Driver error: Initialization error Entry in error stack, driver restarts and carried out new initialization of network New Software necessary to remedy error	A361.X4:10		E	2
1A6050	LSB-BSE1: LSBC Participant Adr. 0 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:11		E	2
1A6051	LSB-BSE1: LSBC Participant Adr. 0 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:11		E	2
1A6053	LSB-BSE1: LSBC Participant Adr. 0 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:11		E	1
1A6054	LSB-BSE1: LSBC Participant Adr. 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:11		E	2
1A6064	LSB-BSE1: LSBC Participant Adr. 0 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:11		E	1
1A6065	LSB-BSE1: LSBC Participant Adr. 0 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:11		E	2
1A6066	LSB-BSE1: LSBC Participant Adr. 0 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:11		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A6067	LSB-BSE1: LSBC Participant Adr. 0 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:11		E	1
1A6068	LSB-BSE1: LSBC Participant Adr. 0 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:11		E	1
1A6069	LSB-BSE1: LSBC Participant Adr. 0 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:11		E	1
1A6250	LSB-BSE1: LSBC Participant Adr. 2 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:11		E	2
1A6251	LSB-BSE1: LSBC Participant Adr. 2 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:11		E	2
1A6253	LSB-BSE1: LSBC Participant Adr. 2 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:11		E	1
1A6254	LSB-BSE1: LSBC Participant Adr. 2 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:11		E	2
1A6264	LSB-BSE1: LSBC Participant Adr. 2 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:11		E	1
1A6265	LSB-BSE1: LSBC Participant Adr. 2 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:11		E	2
1A6266	LSB-BSE1: LSBC Participant Adr. 2 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:11		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A6267	LSB-BSE1: LSBC Participant Adr. 2 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:11		E	1
1A6268	LSB-BSE1: LSBC Participant Adr. 2 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:11		E	1
1A6269	LSB-BSE1: LSBC Participant Adr. 2 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:11		E	1
1A8052	LSB-BSE1: Control data transfer LSBC has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361.X4:11		E	0
1A8055	LSB-BSE1: Control data transfer LSBC Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X4:11		E	2
1A8056	LSB-BSE1: Control data transfer LSBC Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X4:11		E	2
1A8057	LSB-BSE1: Control data transfer LSBC has recognised network re-set (data transfer starts again) Entry in error stack, driver restarts and carried out new initialization of network Check bus line, pull successive sensors from bus until source of problem is found. Replace defective part	A361.X4:11		E	1
1A8058	LSB-BSE1: Control data transfer LSBC recognised participant with incorrect baud rate in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by system. Check address assignment of sensors	A361.X4:11		E	0
1A8059	LSB-BSE1: Control data transfer LSBC recognised communication breakdown in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by driver when restarting the network	A361.X4:11		E	0
1A8060	LSB-BSE1: Control data transfer LSBC driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant In case of temporary problems, the error is fixed by system. For incorrect configuration, new software required	A361.X4:11		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A8061	LSB-BSE1: Control data transfer LSBC driver error: undefined message appears Entry in error stack, driver restarts and carried out new initialization of network In case of temp. problems, the error will be fixed by system, otherwise new software required to remedy the error	A361.X4:11		E	2
1A8062	LSB-BSE1: Control data transfer LSBC Driver error: Initialization error Entry in error stack, driver restarts and carried out new initialization of network New Software necessary to remedy error	A361.X4:11		E	2
1A9050	LSB-BSE1: LSB-D Participant Adr. 0 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:12		E	2
1A9051	LSB-BSE1: LSB-D Participant Adr. 0 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:12		E	2
1A9053	LSB-BSE1: LSB-D Participant Adr. 0 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:12		E	1
1A9054	LSB-BSE1: LSB-D Participant Adr. 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:12		E	2
1A9064	LSB-BSE1: LSB-D Participant Adr. 0 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:12		E	1
1A9065	LSB-BSE1: LSB-D Participant Adr. 0 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:12		E	2
1A9066	LSB-BSE1: LSB-D Participant Adr. 0 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:12		E	2
1A9067	LSB-BSE1: LSB-D Participant Adr. 0 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:12		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A9068	LSB-BSE1: LSB-D Participant Adr. 0 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:12		E	1
1A9069	LSB-BSE1: LSB-D Participant Adr. 0 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:12		E	1
1A9250	LSB-BSE1: LSB-D Participant Adr. 2 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:12		E	2
1A9251	LSB-BSE1: LSB-D Participant Adr. 2 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:12		E	2
1A9253	LSB-BSE1: LSB-D Participant Adr. 2 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:12		E	1
1A9254	LSB-BSE1: LSB-D Participant Adr. 2 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:12		E	2
1A9264	LSB-BSE1: LSB-D Participant Adr. 2 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:12		E	1
1A9265	LSB-BSE1: LSB-D Participant Adr. 2 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:12		E	2
1A9266	LSB-BSE1: LSB-D Participant Adr. 2 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:12		E	2
1A9267	LSB-BSE1: LSB-D Participant Adr. 2 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:12		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A9268	LSB-BSE1: LSB-D Participant Adr. 2 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:12		E	1
1A9269	LSB-BSE1: LSB-D Participant Adr. 2 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:12		E	1
1AB052	LSB-BSE1: Control data transfer LSB-D has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361.X4:12		E	0
1AB055	LSB-BSE1: Control data transfer LSB-D Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X4:12		E	2
1AB056	LSB-BSE1: Control data transfer LSB-D Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X4:12		E	2
1AB057	LSB-BSE1: Control data transfer LSB-D has recognised network re-set (data transfer starts again) Entry in error stack, driver restarts and carried out new initialization of network Check bus line, pull successive sensors from bus until source of problem is found. Replace defective part	A361.X4:12		E	1
1AB058	LSB-BSE1: Control data transfer LSB-D recognised participant with incorrect baud rate in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by system. Check address assignment of sensors	A361.X4:12		E	0
1AB059	LSB-BSE1: Control data transfer LSB-D recognised communication breakdown in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by driver when restarting the network	A361.X4:12		E	0
1AB060	LSB-BSE1: Control data transfer LSB-D driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant In case of temporary problems, the error is fixed by system. For incorrect configuration, new software required	A361.X4:12		E	2
1AB061	LSB-BSE1: Control data transfer LSB-D driver error: undefined message appears Entry in error stack, driver restarts and carried out new initialization of network In case of temp. problems, the error will be fixed by system, otherwise new software required to remedy the error	A361.X4:12		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1AB062	LSB-BSE1: Control data transfer LSBD Driver error: Initialization error Entry in error stack, driver restarts and carried out new initialization of network New Software necessary to remedy error	A361.X4:12		E	2
1B0050	LSB-BSE1: LSBE Participant Adr. 0 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X5:9		E	2
1B0051	LSB-BSE1: LSBE Participant Adr. 0 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X5:9		E	2
1B0053	LSB-BSE1: LSBE Participant Adr. 0 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X5:9		E	1
1B0054	LSB-BSE1: LSBE Participant Adr. 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X5:9		E	2
1B0064	LSB-BSE1: LSBE Participant Adr. 0 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X5:9		E	1
1B0065	LSB-BSE1: LSBE Participant Adr. 0 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X5:9		E	2
1B0066	LSB-BSE1: LSBE Participant Adr. 0 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X5:9		E	2
1B0067	LSB-BSE1: LSBE Participant Adr. 0 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X5:9		E	1
1B0068	LSB-BSE1: LSBE Participant Adr. 0 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X5:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1B0069	LSB-BSE1: LSBE Participant Adr. 0 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X5:9		E	1
1B0250	LSB-BSE1: LSBE Participant Adr. 2 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X5:9		E	2
1B0251	LSB-BSE1: LSBE Participant Adr. 2 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X5:9		E	2
1B0253	LSB-BSE1: LSBE Participant Adr. 2 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X5:9		E	1
1B0254	LSB-BSE1: LSBE Participant Adr. 2 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X5:9		E	2
1B0264	LSB-BSE1: LSBE Participant Adr. 2 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X5:9		E	1
1B0265	LSB-BSE1: LSBE Participant Adr. 2 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X5:9		E	2
1B0266	LSB-BSE1: LSBE Participant Adr. 2 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X5:9		E	2
1B0267	LSB-BSE1: LSBE Participant Adr. 2 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X5:9		E	1
1B0268	LSB-BSE1: LSBE Participant Adr. 2 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X5:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1B0269	LSB-BSE1: LSBE Participant Adr. 2 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X5:9		E	1
1B2052	LSB-BSE1: Control data transfer LSBE has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361.X5:9		E	0
1B2055	LSB-BSE1: Control data transfer LSBE Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X5:9		E	2
1B2056	LSB-BSE1: Control data transfer LSBE Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X5:9		E	2
1B2057	LSB-BSE1: Control data transfer LSBE has recognised network re-set (data transfer starts again) Entry in error stack, driver restarts and carried out new initialization of network Check bus line, pull successive sensors from bus until source of problem is found. Replace defective part	A361.X5:9		E	1
1B2058	LSB-BSE1: Control data transfer LSBE recognised participant with incorrect baud rate in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by system. Check address assignment of sensors	A361.X5:9		E	0
1B2059	LSB-BSE1: Control data transfer LSBE recognised communication breakdown in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by driver when restarting the network	A361.X5:9		E	0
1B2060	LSB-BSE1: Control data transfer LSBE driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant In case of temporary problems, the error is fixed by system. For incorrect configuration, new software required	A361.X5:9		E	2
1B2061	LSB-BSE1: Control data transfer LSBE driver error: undefined message appears Entry in error stack, driver restarts and carried out new initialization of network In case of temp. problems, the error will be fixed by system, otherwise new software required to remedy the error	A361.X5:9		E	2
1B2062	LSB-BSE1: Control data transfer LSBE Driver error: Initialization error Entry in error stack, driver restarts and carried out new initialization of network New Software necessary to remedy error	A361.X5:9		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1B3050	LSB-BSE1: LSBF Participant Adr. 0 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X5:10		E	2
1B3051	LSB-BSE1: LSBF Participant Adr. 0 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X5:10		E	2
1B3053	LSB-BSE1: LSBF Participant Adr. 0 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X5:10		E	1
1B3054	LSB-BSE1: LSBF Participant Adr. 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X5:10		E	2
1B3064	LSB-BSE1: LSBF Participant Adr. 0 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X5:10		E	1
1B3065	LSB-BSE1: LSBF Participant Adr. 0 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X5:10		E	2
1B3066	LSB-BSE1: LSBF Participant Adr. 0 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X5:10		E	2
1B3067	LSB-BSE1: LSBF Participant Adr. 0 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X5:10		E	1
1B3068	LSB-BSE1: LSBF Participant Adr. 0 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X5:10		E	1
1B3069	LSB-BSE1: LSBF Participant Adr. 0 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X5:10		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1B3250	LSB-BSE1: LSBF Participant Adr. 2 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X5:10		E	2
1B3251	LSB-BSE1: LSBF Participant Adr. 2 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X5:10		E	2
1B3253	LSB-BSE1: LSBF Participant Adr. 2 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X5:10		E	1
1B3254	LSB-BSE1: LSBF Participant Adr. 2 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X5:10		E	2
1B3264	LSB-BSE1: LSBF Participant Adr. 2 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X5:10		E	1
1B3265	LSB-BSE1: LSBF Participant Adr. 2 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X5:10		E	2
1B3266	LSB-BSE1: LSBF Participant Adr. 2 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X5:10		E	2
1B3267	LSB-BSE1: LSBF Participant Adr. 2 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X5:10		E	1
1B3268	LSB-BSE1: LSBF Participant Adr. 2 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X5:10		E	1
1B3269	LSB-BSE1: LSBF Participant Adr. 2 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X5:10		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1B5052	LSB-BSE1: Control data transfer LSBF has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361.X5:10		E	0
1B5055	LSB-BSE1: Control data transfer LSBF Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X5:10		E	2
1B5056	LSB-BSE1: Control data transfer LSBF Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X5:10		E	2
1B5057	LSB-BSE1: Control data transfer LSBF has recognised network re-set (data transfer starts again) Entry in error stack, driver restarts and carried out new initialization of network Check bus line, pull successive sensors from bus until source of problem is found. Replace defective part	A361.X5:10		E	1
1B5058	LSB-BSE1: Control data transfer LSBF recognised participant with incorrect baud rate in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by system. Check address assignment of sensors	A361.X5:10		E	0
1B5059	LSB-BSE1: Control data transfer LSBF recognised communication breakdown in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by driver when restarting the network	A361.X5:10		E	0
1B5060	LSB-BSE1: Control data transfer LSBF driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant In case of temporary problems, the error is fixed by system. For incorrect configuration, new software required	A361.X5:10		E	2
1B5061	LSB-BSE1: Control data transfer LSBF driver error: undefined message appears Entry in error stack, driver restarts and carried out new initialization of network In case of temp. problems, the error will be fixed by system, otherwise new software required to remedy the error	A361.X5:10		E	2
1B5062	LSB-BSE1: Control data transfer LSBF Driver error: Initialization error Entry in error stack, driver restarts and carried out new initialization of network New Software necessary to remedy error	A361.X5:10		E	2
1B6050	LSB-BSE1: LSBG Participant Adr. 0 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X5:11		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1B6051	LSB-BSE1: LSBG Participant Adr. 0 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X5:11		E	2
1B6053	LSB-BSE1: LSBG Participant Adr. 0 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X5:11		E	1
1B6054	LSB-BSE1: LSBG Participant Adr. 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X5:11		E	2
1B6064	LSB-BSE1: LSBG Participant Adr. 0 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X5:11		E	1
1B6065	LSB-BSE1: LSBG Participant Adr. 0 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X5:11		E	2
1B6066	LSB-BSE1: LSBG Participant Adr. 0 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X5:11		E	2
1B6067	LSB-BSE1: LSBG Participant Adr. 0 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X5:11		E	1
1B6068	LSB-BSE1: LSBG Participant Adr. 0 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X5:11		E	1
1B6069	LSB-BSE1: LSBG Participant Adr. 0 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X5:11		E	1
1B6250	LSB-BSE1: LSBG Participant Adr. 2 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X5:11		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1B6251	LSB-BSE1: LSBG Participant Adr. 2 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X5:11		E	2
1B6253	LSB-BSE1: LSBG Participant Adr. 2 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X5:11		E	1
1B6254	LSB-BSE1: LSBG Participant Adr. 2 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X5:11		E	2
1B6264	LSB-BSE1: LSBG Participant Adr. 2 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X5:11		E	1
1B6265	LSB-BSE1: LSBG Participant Adr. 2 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X5:11		E	2
1B6266	LSB-BSE1: LSBG Participant Adr. 2 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X5:11		E	2
1B6267	LSB-BSE1: LSBG Participant Adr. 2 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X5:11		E	1
1B6268	LSB-BSE1: LSBG Participant Adr. 2 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X5:11		E	1
1B6269	LSB-BSE1: LSBG Participant Adr. 2 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X5:11		E	1
1B8052	LSB-BSE1: Control data transfer LSBG has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361.X5:11		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1B8055	LSB-BSE1: Control data transfer LSBG Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X5:11		E	2
1B8056	LSB-BSE1: Control data transfer LSBG Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X5:11		E	2
1B8057	LSB-BSE1: Control data transfer LSBG has recognised network re-set (data transfer starts again) Entry in error stack, driver restarts and carried out new initialization of network Check bus line, pull successive sensors from bus until source of problem is found. Replace defective part	A361.X5:11		E	1
1B8058	LSB-BSE1: Control data transfer LSBG recognised participant with incorrect baud rate in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by system. Check address assignment of sensors	A361.X5:11		E	0
1B8059	LSB-BSE1: Control data transfer LSBG recognised communication breakdown in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by driver when restarting the network	A361.X5:11		E	0
1B8060	LSB-BSE1: Control data transfer LSBG driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant In case of temporary problems, the error is fixed by system. For incorrect configuration, new software required	A361.X5:11		E	2
1B8061	LSB-BSE1: Control data transfer LSBG driver error: undefined message appears Entry in error stack, driver restarts and carried out new initialization of network In case of temp. problems, the error will be fixed by system, otherwise new software required to remedy the error	A361.X5:11		E	2
1B8062	LSB-BSE1: Control data transfer LSBG Driver error: Initialization error Entry in error stack, driver restarts and carried out new initialization of network New Software necessary to remedy error	A361.X5:11		E	2
1B9050	LSB-BSE1: LSBH Participant Adr. 0 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X5:12		E	2
1B9051	LSB-BSE1: LSBH Participant Adr. 0 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X5:12		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1B9053	LSB-BSE1: LSBH Participant Adr. 0 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X5:12		E	1
1B9054	LSB-BSE1: LSBH Participant Adr. 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X5:12		E	2
1B9064	LSB-BSE1: LSBH Participant Adr. 0 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X5:12		E	1
1B9065	LSB-BSE1: LSBH Participant Adr. 0 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X5:12		E	2
1B9066	LSB-BSE1: LSBH Participant Adr. 0 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X5:12		E	2
1B9067	LSB-BSE1: LSBH Participant Adr. 0 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X5:12		E	1
1B9068	LSB-BSE1: LSBH Participant Adr. 0 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X5:12		E	1
1B9069	LSB-BSE1: LSBH Participant Adr. 0 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X5:12		E	1
1B9250	LSB-BSE1: LSBH Participant Adr. 2 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X5:12		E	2
1B9251	LSB-BSE1: LSBH Participant Adr. 2 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X5:12		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1B9253	LSB-BSE1: LSBH Participant Adr. 2 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X5:12		E	1
1B9254	LSB-BSE1: LSBH Participant Adr. 2 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X5:12		E	2
1B9264	LSB-BSE1: LSBH Participant Adr. 2 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X5:12		E	1
1B9265	LSB-BSE1: LSBH Participant Adr. 2 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X5:12		E	2
1B9266	LSB-BSE1: LSBH Participant Adr. 2 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X5:12		E	2
1B9267	LSB-BSE1: LSBH Participant Adr. 2 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X5:12		E	1
1B9268	LSB-BSE1: LSBH Participant Adr. 2 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X5:12		E	1
1B9269	LSB-BSE1: LSBH Participant Adr. 2 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X5:12		E	1
1BB052	LSB-BSE1: Control data transfer LSBH has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361.X5:12		E	0
1BB055	LSB-BSE1: Control data transfer LSBH Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X5:12		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1BB056	LSB-BSE1: Control data transfer LSBH Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X5:12		E	2
1BB057	LSB-BSE1: Control data transfer LSBH has recognised network re-set (data transfer starts again) Entry in error stack, driver restarts and carried out new initialization of network Check bus line, pull successive sensors from bus until source of problem is found. Replace defective part	A361.X5:12		E	1
1BB058	LSB-BSE1: Control data transfer LSBH recognised participant with incorrect baud rate in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by system. Check address assignment of sensors	A361.X5:12		E	0
1BB059	LSB-BSE1: Control data transfer LSBH recognised communication breakdown in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by driver when restarting the network	A361.X5:12		E	0
1BB060	LSB-BSE1: Control data transfer LSBH driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant In case of temporary problems, the error is fixed by system. For incorrect configuration, new software required	A361.X5:12		E	2
1BB061	LSB-BSE1: Control data transfer LSBH driver error: undefined message appears Entry in error stack, driver restarts and carried out new initialization of network In case of temp. problems, the error will be fixed by system, otherwise new software required to remedy the error	A361.X5:12		E	2
1BB062	LSB-BSE1: Control data transfer LSBH Driver error: Initialization error Entry in error stack, driver restarts and carried out new initialization of network New Software necessary to remedy error	A361.X5:12		E	2
1C0050	LSB-BSE1: LSBJ Participant Adr. 0 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361		E	2
1C0051	LSB-BSE1: LSBJ Participant Adr. 0 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361		E	2
1C0053	LSB-BSE1: LSBJ Participant Adr. 0 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1C0054	LSB-BSE1: LSBJ Participant Adr. 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361		E	2
1C0064	LSB-BSE1: LSBJ Participant Adr. 0 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361		E	1
1C0065	LSB-BSE1: LSBJ Participant Adr. 0 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361		E	2
1C0066	LSB-BSE1: LSBJ Participant Adr. 0 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361		E	2
1C0067	LSB-BSE1: LSBJ Participant Adr. 0 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361		E	1
1C0068	LSB-BSE1: LSBJ Participant Adr. 0 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361		E	1
1C0069	LSB-BSE1: LSBJ Participant Adr. 0 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361		E	1
1C2052	LSB-BSE1: Control data transfer LSBJ has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361		E	0
1C2055	LSB-BSE1: Control data transfer LSBJ Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361		E	2
1C2056	LSB-BSE1: Control data transfer LSBJ Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1C2057	LSB-BSE1: Control data transfer LSBJ has recognised network re-set (data transfer starts again) Entry in error stack, driver restarts and carried out new initialization of network Check bus line, pull successive sensors from bus until source of problem is found. Replace defective part	A361		E	1
1C2058	LSB-BSE1: Control data transfer LSBJ recognised participant with incorrect baud rate in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by system. Check address assignment of sensors	A361		E	0
1C2059	LSB-BSE1: Control data transfer LSBJ recognised communication breakdown in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by driver when restarting the network	A361		E	0
1C2060	LSB-BSE1: Control data transfer LSBJ driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant In case of temporary problems, the error is fixed by system. For incorrect configuration, new software required	A361		E	2
1C2061	LSB-BSE1: Control data transfer LSBJ driver error: undefined message appears Entry in error stack, driver restarts and carried out new initialization of network In case of temp. problems, the error will be fixed by system, otherwise new software required to remedy the error	A361		E	2
1C2062	LSB-BSE1: Control data transfer LSBJ Driver error: Initialization error Entry in error stack, driver restarts and carried out new initialization of network New Software necessary to remedy error	A361		E	2
1C3050	LSB-BSE1: LSBK Participant Adr. 0 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361		E	2
1C3051	LSB-BSE1: LSBK Participant Adr. 0 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361		E	2
1C3053	LSB-BSE1: LSBK Participant Adr. 0 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361		E	1
1C3054	LSB-BSE1: LSBK Participant Adr. 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1C3064	LSB-BSE1: LSBK Participant Adr. 0 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361		E	1
1C3065	LSB-BSE1: LSBK Participant Adr. 0 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361		E	2
1C3066	LSB-BSE1: LSBK Participant Adr. 0 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361		E	2
1C3067	LSB-BSE1: LSBK Participant Adr. 0 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361		E	1
1C3068	LSB-BSE1: LSBK Participant Adr. 0 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361		E	1
1C3069	LSB-BSE1: LSBK Participant Adr. 0 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361		E	1
1C5052	LSB-BSE1: Control data transfer LSBK has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361		E	0
1C5055	LSB-BSE1: Control data transfer LSBK Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361		E	2
1C5056	LSB-BSE1: Control data transfer LSBK Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361		E	2
1C5057	LSB-BSE1: Control data transfer LSBK has recognised network re-set (data transfer starts again) Entry in error stack, driver restarts and carried out new initialization of network Check bus line, pull successive sensors from bus until source of problem is found. Replace defective part	A361		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1C5058	LSB-BSE1: Control data transfer LSBK recognised participant with incorrect baud rate in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by system. Check address assignment of sensors	A361		E	0
1C5059	LSB-BSE1: Control data transfer LSBK recognised communication breakdown in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by driver when restarting the network	A361		E	0
1C5060	LSB-BSE1: Control data transfer LSBK driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant In case of temporary problems, the error is fixed by system. For incorrect configuration, new software required	A361		E	2
1C5061	LSB-BSE1: Control data transfer LSBK driver error: undefined message appears Entry in error stack, driver restarts and carried out new initialization of network In case of temp. problems, the error will be fixed by system, otherwise new software required to remedy the error	A361		E	2
1C5062	LSB-BSE1: Control data transfer LSBK Driver error: Initialization error Entry in error stack, driver restarts and carried out new initialization of network New Software necessary to remedy error	A361		E	2
1C6050	LSB-BSE1: LSBL Participant Adr. 0 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361		E	2
1C6051	LSB-BSE1: LSBL Participant Adr. 0 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361		E	2
1C6053	LSB-BSE1: LSBL Participant Adr. 0 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361		E	1
1C6054	LSB-BSE1: LSBL Participant Adr. 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361		E	2
1C6064	LSB-BSE1: LSBL Participant Adr. 0 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1C6065	LSB-BSE1: LSBL Participant Adr. 0 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361		E	2
1C6066	LSB-BSE1: LSBL Participant Adr. 0 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361		E	2
1C6067	LSB-BSE1: LSBL Participant Adr. 0 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361		E	1
1C6068	LSB-BSE1: LSBL Participant Adr. 0 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361		E	1
1C6069	LSB-BSE1: LSBL Participant Adr. 0 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361		E	1
1C8052	LSB-BSE1: Control data transfer LSBL has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361		E	0
1C8055	LSB-BSE1: Control data transfer LSBL Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361		E	2
1C8056	LSB-BSE1: Control data transfer LSBL Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361		E	2
1C8057	LSB-BSE1: Control data transfer LSBL has recognised network re-set (data transfer starts again) Entry in error stack, driver restarts and carried out new initialization of network Check bus line, pull successive sensors from bus until source of problem is found. Replace defective part	A361		E	1
1C8058	LSB-BSE1: Control data transfer LSBL recognised participant with incorrect baud rate in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by system. Check address assignment of sensors	A361		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1C8059	LSB-BSE1: Control data transfer LSBL recognised communication breakdown in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by driver when restarting the network	A361		E	0
1C8060	LSB-BSE1: Control data transfer LSBL driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant In case of temporary problems, the error is fixed by system. For incorrect configuration, new software required	A361		E	2
1C8061	LSB-BSE1: Control data transfer LSBL driver error: undefined message appears Entry in error stack, driver restarts and carried out new initialization of network In case of temp. problems, the error will be fixed by system, otherwise new software required to remedy the error	A361		E	2
1C8062	LSB-BSE1: Control data transfer LSBL Driver error: Initialization error Entry in error stack, driver restarts and carried out new initialization of network New Software necessary to remedy error	A361		E	2
1C9050	LSB-BSE1: LSBM Participant Adr. 0 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361		E	2
1C9051	LSB-BSE1: LSBM Participant Adr. 0 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361		E	2
1C9053	LSB-BSE1: LSBM Participant Adr. 0 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361		E	1
1C9054	LSB-BSE1: LSBM Participant Adr. 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361		E	2
1C9064	LSB-BSE1: LSBM Participant Adr. 0 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361		E	1
1C9065	LSB-BSE1: LSBM Participant Adr. 0 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1C9066	LSB-BSE1: LSBM Participant Adr. 0 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361		E	2
1C9067	LSB-BSE1: LSBM Participant Adr. 0 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361		E	1
1C9068	LSB-BSE1: LSBM Participant Adr. 0 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361		E	1
1C9069	LSB-BSE1: LSBM Participant Adr. 0 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361		E	1
1CB052	LSB-BSE1: Control data transfer LSBM has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361		E	0
1CB055	LSB-BSE1: Control data transfer LSBM Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361		E	2
1CB056	LSB-BSE1: Control data transfer LSBM Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361		E	2
1CB057	LSB-BSE1: Control data transfer LSBM has recognised network re-set (data transfer starts again) Entry in error stack, driver restarts and carried out new initialization of network Check bus line, pull successive sensors from bus until source of problem is found. Replace defective part	A361		E	1
1CB058	LSB-BSE1: Control data transfer LSBM recognised participant with incorrect baud rate in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by system. Check address assignment of sensors	A361		E	0
1CB059	LSB-BSE1: Control data transfer LSBM recognised communication breakdown in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by driver when restarting the network	A361		E	0



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1CB060	LSB-BSE1: Control data transfer LSBM driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant In case of temporary problems, the error is fixed by system. For incorrect configuration, new software required	A361		E	2
1CB061	LSB-BSE1: Control data transfer LSBM driver error: undefined message appears Entry in error stack, driver restarts and carried out new initialization of network In case of temp. problems, the error will be fixed by system, otherwise new software required to remedy the error	A361		E	2
1CB062	LSB-BSE1: Control data transfer LSBM Driver error: Initialization error Entry in error stack, driver restarts and carried out new initialization of network New Software necessary to remedy error	A361		E	2
1D0612	LSB-BSE1: Data recorder Start: not connected No recording possible! Check data logger in 1 sec. interval Connect data logger, if necessary, check connection from LICCON system to data logger	A361		E	1
1D0620	LSB-BSE1: Data recorder Init: Firmware version incorrect/faulty Has not yet been checked!	A361		E	1
1D0621	LSB-BSE1: Data recorder Init: ATA-card not initialised STATUS-error: Data recorder software stops - no documentation possible! Initialize ATA-Card with PC-Software 'LICCON Manager'	A361		E	1
1D0622	LSB-BSE1: Data recorder Init: ATA-card contains different crane number STATUS-error: Data recorder software stops - no documentation possible! Use ATA card with correct crane number or newly initialised ATA card	A361		E	1
1D0623	LSB-BSE1: Data recorder Init: Format-File-Transfer faulty Repeat of Format-File transfers in 1 sec. cycles If necessary, correct type and country specific format file 'Lnnttt01vrr.Q' in EPROM 0	A361		E	1
1D0630	LSB-BSE1: Data recorder Transfer: Data transmission faulty Repeat of data transfers in 1 sec. cycles If necessary check connection from LICCON system to data recorder	A361		E	1
1D0631	LSB-BSE1: Data recorder Transfer: CSM-protocol error Respective telegram is repeated max. 3x, then synchronise completely anew If necessary check connection from LICCON system to data recorder	A361		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1D0632	LSB-BSE1: Data recorder Transfer: Transmission error (CRC) Respective telegram is repeated max. 3x, then synchronise completely anew If necessary check connection from LICCON system to data recorder	A361		E	1
1D0633	LSB-BSE1: Data recorder Transfer: STATUS-error Resynchronize depending on STATUS in 1 sec.interval If necessary check connection from LICCON system to data recorder	A361		E	1
1D0634	LSB-BSE1: Data recorder Transfer: TAN-error Synchronise CSM protocol again completely If necessary check connection from LICCON system to data recorder	A361		E	1
1D0635	LSB-BSE1: Data recorder Transfer: Writing error Synchronise CSM protocol again completely If necessary check connection from LICCON-System to data recorder and ATA card	A361		E	1
1DD01E	LSB-BSE1: Supply voltage 15.3 / CPU0 Voltage outside permissible range error report Check voltage, electr. connections and fuse	A361.X1:1		E	2
1DD11E	LSB-BSE1: Supply voltage 30.3 / CPU0 Voltage outside permissible range error report Check battery, electr. connections and fuse	A361.X1:2		E	2
1DDE14	LSB-BSE1: Analog input 0E0 / DSP0 short circuit to supply voltage error report Check DSP0-output A0.0, relay, electr. connections	A361.X4:3		E	2
1DDF14	LSB-BSE1: Analog input 0E1 / DSP0 short circuit to supply voltage error report Check DSP0-output A0.0, relay, electr. connections	A361.X4:4		E	2
1DE012	LSB-BSE1: Analog input 0E2 / DSP0 short circuit to ground error report Check Em. Off switch, voltage, electr. connections	A361.X4:5		E	2
1DE117	LSB-BSE1: Supply voltage 30.1 / DSP0 voltage below required value error indication on display Check battery, voltage, electr. connections and fuse	A361.X4:7		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1DE217	LSB-BSE1: Supply voltage 15.1 / DSP0 voltage below required value error indication on display Check voltage	A361.X4:8		E	2
1DE317	LSB-BSE1: Supply voltage 24V.1 (0A0-1) / DSP0 voltage below required value error indication on display Check voltage, electr. connections and fuse	A361.X4:15		E	2
1DE614	LSB-BSE1: Analog input 1E0 / DSP1 short circuit to supply voltage error report Check DSP1-output A0.0, relay, electr. connections	A361.X5:3		E	2
1DE714	LSB-BSE1: Analog input 1E1 / DSP1 short circuit to supply voltage error report Check DSP1-output A0.0, relay, electr. connections	A361.X5:4		E	2
1DE812	LSB-BSE1: Analog input 1E2 / DSP1 short circuit to ground error report Check Em. Off switch, voltage, electr. connections	A361.X5:5		E	2
1DE917	LSB-BSE1: Supply voltage 30.2 / DSP1 voltage below required value error indication on display Check battery, voltage, electr. connections and fuse	A361.X5:7		E	2
1DEA17	LSB-BSE1: Supply voltage 15.2 / DSP1 voltage below required value error indication on display Check voltage	A361.X5:8		E	2
1DEB17	LSB-BSE1: Supply voltage 24V.2 (1A0-1) / DSP1 voltage below required value error indication on display Check voltage, electr. connections and fuse	A361.X5:15		E	2
1DEC1B	LSB-BSE1: 2.Shut off channel / DSP0 digital shut off defective Set error message to display, entry in error stack, error status bit in EW5 Check output current, user, fuse, replace module if nec.	A361		E	2
1DEC72	LSB-BSE1: 2.Shut off channel / DSP0 outside source feeding Set error message to display, entry in error stack, error status bit in EW5 Check output current, user, replace module, if nec.	A361		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1DED1B	LSB-BSE1: 2.Shut off channel / DSP1 digital shut off defective Set error message to display, entry in error stack, error status bit in EW5 Check output current, user, fuse, replace module if nec.	A361		E	2
1DED72	LSB-BSE1: 2.Shut off channel / DSP1 outside source feeding Set error message to display, entry in error stack, error status bit in EW5 Check output current, user, replace module, if nec.	A361		E	2
1DF006	LSB-BSE1: System error OS-DSP0 initialising error RAM erroneous Entry in error memory, program is stopped Inform Service of all error parameters and replace module	A361		E	2
1DF013	LSB-BSE1: System error OS-DSP0 Test sum in FLASH erroneous error indication on display Inform Service of all error parameters and replace module	A361		E	2
1DF016	LSB-BSE1: System error OS-DSP0 system-, driver-watchdog expired error indication on display Inform Service of all error parameters and replace module	A361		E	2
1DF050	LSB-BSE1: System error OS-DSP0 file not available error report Reload application software	A361		E	3
1DF073	LSB-BSE1: System error OS-DSP0 interpreter error error indication on display Report all error parameter to Service and replace module. At P0=00000013 carry out download	A361		E	2
1DF082	LSB-BSE1: System error OS-DSP0 hardware-watchdog erroneous Module reset Replace module	A361		E	2
1DF0A1	LSB-BSE1: System error OS-DSP0 System voltage 3V3-Logic outside permissible range error report If error repeated, replace component group, inform Service of error parameter	A361		E	2
1DF0A2	LSB-BSE1: System error OS-DSP0 System voltage 5V-Logic outside permissible range error report If error repeated, replace component group, inform Service of error parameter	A361		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1DF0AD	LSB-BSE1: System error OS-DSP0 System voltage V26-Core outside permissible range error report If error repeated, replace component group, inform Service of error parameter	A361		E	2
1DF0B1	LSB-BSE1: System error OS-DSP0 Power-Fail-Status incorrect error report Check voltage	A361		E	2
1DF0C1	LSB-BSE1: System error OS-DSP0 Incorrect or wrong system version for application error report Reload matching system version	A361		E	1
1DF106	LSB-BSE1: System error OS-DSP1 initialising error RAM erroneous Entry in error memory, program is stopped Inform Service of all error parameters and replace module	A361		E	2
1DF113	LSB-BSE1: System error OS-DSP1 Test sum in FLASH erroneous error indication on display Inform Service of all error parameters and replace module	A361		E	2
1DF116	LSB-BSE1: System error OS-DSP1 system-, driver-watchdog expired error indication on display Inform Service of all error parameters and replace module	A361		E	2
1DF150	LSB-BSE1: System error OS-DSP1 file not available error report Reload application software	A361		E	3
1DF173	LSB-BSE1: System error OS-DSP1 interpreter error error indication on display Report all error parameter to Service and replace module. At P0=00000013 carry out download	A361		E	2
1DF182	LSB-BSE1: System error OS-DSP1 hardware-watchdog erroneous Module reset Replace module	A361		E	2
1DF1A1	LSB-BSE1: System error OS-DSP1 System voltage 3V3-Logic outside permissible range error report If error repeated, replace component group, inform Service of error parameter	A361		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1DF1A2	LSB-BSE1: System error OS-DSP1 System voltage 5V-Logic outside permissible range error report If error repeated, replace component group, inform Service of error parameter	A361		E	2
1DF1AD	LSB-BSE1: System error OS-DSP1 System voltage V26-Core outside permissible range error report If error repeated, replace component group, inform Service of error parameter	A361		E	2
1DF1B1	LSB-BSE1: System error OS-DSP1 Power-Fail-Status incorrect error report Check voltage	A361		E	2
1DF1C1	LSB-BSE1: System error OS-DSP1 Incorrect or wrong system version for application error report Reload matching system version	A361		E	1
1DF203	LSB-BSE1: System error OS-CPU0 CW Upload to data bank not carried out error report CW Carry out upload in data bank	A361		E	2
1DF280	LSB-BSE1: System error OS-CPU0 Fatal internal error error report If error repeated, replace component group, inform Service of error parameter	A361		E	2
1DF299	LSB-BSE1: System error OS-CPU0 DSP0 erroneous error report If error repeated, replace component group, inform Service of error parameter	A361		E	2
1DF29A	LSB-BSE1: System error OS-CPU0 DSP1 erroneous error report If error repeated, replace component group, inform Service of error parameter	A361		E	2
1DF29B	LSB-BSE1: System error OS-CPU0 dsPIC erroneous error report If error repeated, replace component group, inform Service of error parameter	A361		E	2
1DF2A1	LSB-BSE1: System error OS-CPU0 System voltage 3V3-Logic outside permissible range error report If error repeated, replace component group, inform Service of error parameter	A361		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1DF2A2	LSB-BSE1: System error OS-CPU0 System voltage 5V-Logic outside permissible range error report If error repeated, replace component group, inform Service of error parameter	A361		E	2
1DF2A3	LSB-BSE1: System error OS-CPU0 Board temp. outside permissible range error indication on display Check coolant supply for monitor	A361		E	2
1DF2A4	LSB-BSE1: System error OS-CPU0 Inside temperature outside permissible range error indication on display Check coolant supply for monitor	A361		E	2
1DF2A5	LSB-BSE1: System error OS-CPU0 System voltage 12V-CCFL outside permissible range error report If error repeated, replace component group, inform Service of error parameter	A361		E	2
1DF2AB	LSB-BSE1: System error OS-CPU0 System voltage 5V-Standby outside permissible range error report If error repeated, replace component group, inform Service of error parameter	A361		E	2
1DF2AC	LSB-BSE1: System error OS-CPU0 Restoration of CW-operandi failed error report If error repeated, replace component group, inform Service of error parameter	A361		E	2
1DF2AE	LSB-BSE1: System error OS-CPU0 System voltage PCMCIA erroneous error report If error repeated, replace component group, inform Service of error parameter	A361		E	2
1DF2AF	LSB-BSE1: System error OS-CPU0 System voltage 3V- cell-RTC too low error report If time is corrupt, replace battery Type CR1225 in monitor	A361		E	2
1DF2B0	LSB-BSE1: System error OS-CPU0 Time RTC erroneous (Low-Voltage) error report Replace battery Type CR1225 in monitor	A361		E	2
1DF2C0	LSB-BSE1: System error OS-CPU0 Hardware / Software erroneous error report If error repeated, replace component group, inform Service of error parameter	A361		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
200001	ZE 2: system error OS-HC11 (observe parameters) initialising error processor-register erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A422		E	2
200002	ZE 2: system error OS-HC11 (observe parameters) initialising error test total in EPROM/FLASH erroneous no crane operation possible check program memory card or ZE	A422		E	2
200006	ZE 2: system error OS-HC11 (observe parameters) initialising error RAM erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A422		E	2
200007	ZE 2: system error OS-HC11 (observe parameters) UART erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A422		E	2
200010	ZE 2: system error OS-HC11 (observe parameters) system routine inaccessible entry in error memory, all crane movements will be stopped	A422		E	2
200011	ZE 2: system error OS-HC11 (observe parameters) ZE-watchdog expired entry in error memory, all crane movements will be stopped check ZE	A422		E	2
200012	ZE 2: system error OS-HC11 (observe parameters) type-identification in EPROM erroneous entry in error memory, no crane operation possible check program memory card	A422		E	2
200013	ZE 2: system error OS-HC11 (observe parameters) Test sum in FLASH erroneous entry in error memory, all crane movements will be stopped check program memory card	A422		E	2
200014	ZE 2: system error OS-HC11 (observe parameters) program already running entry in error memory, all crane movements will be stopped	A422		E	2
200015	ZE 2: system error OS-HC11 (observe parameters) program not available entry in error memory, all crane movements will be stopped	A422		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
200016	ZE 2: system error OS-HC11 (observe parameters) system-, driver-watchdog expired entry in error memory, all crane movements will be stopped	A422		E	2
200017	ZE 2: system error OS-HC11 (observe parameters) total of CPU-time distribution too great entry in error memory, all crane movements will be stopped	A422		E	2
200018	ZE 2: system error OS-HC11 (observe parameters) arithmetic overflow (16 Bit) entry in error memory, all crane movements will be stopped	A422		E	2
200019	ZE 2: system error OS-HC11 (observe parameters) division through zero (16 Bit) entry in error memory, all crane movements will be stopped	A422		E	2
200020	ZE 2: system error OS-HC11 (observe parameters) task-watchdog expired entry in error memory, all crane movements will be stopped	A422		E	2
200021	ZE 2: system error OS-HC11 (observe parameters) illegal opcode trap entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A422		E	2
200022	ZE 2: system error OS-HC11 (observe parameters) task inactive entry in error memory, all crane movements will be stopped	A422		E	2
200023	ZE 2: system error OS-HC11 (observe parameters) program incapable of running (type identification) entry in error memory, all crane movements will be stopped	A422		E	2
200024	ZE 2: system error OS-HC11 (observe parameters) task already used entry in error memory, all crane movements will be stopped	A422		E	2
200025	ZE 2: system error OS-HC11 (observe parameters) realtime-module already used entry in error memory, all crane movements will be stopped	A422		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
200026	ZE 2: system error OS-HC11 (observe parameters) regulator-module already used entry in error memory, all crane movements will be stopped	A422		E	2
200030	ZE 2: system error OS-HC11 (observe parameters) unacceptable bank address entry in error memory, all crane movements will be stopped	A422		E	2
200041	ZE 2: system error OS-HC11 (observe parameters) arithmetic error entry in error memory, all crane movements will be stopped	A422		E	2
200044	ZE 2: system error OS-HC11 (observe parameters) output parameter without effect, from inactive output entry in error memory, all crane movements will be stopped	A422		E	2
200045	ZE 2: system error OS-HC11 (observe parameters) entry parameter undefined, from inactive input entry in error memory, all crane movements will be stopped	A422		E	2
200046	ZE 2: system error OS-HC11 (observe parameters) impermissible regulator parameter entry in error memory, all crane movements will be stopped	A422		E	2
200047	ZE 2: system error OS-HC11 (observe parameters) realtime-control block not available entry in error memory, all crane movements will be stopped	A422		E	2
200048	ZE 2: system error OS-HC11 (observe parameters) realtime-control block inactive entry in error memory, all crane movements will be stopped	A422		E	2
200049	ZE 2: system error OS-HC11 (observe parameters) urgent modul, ZE not available entry in error memory, no crane operation possible check ZE	A422		E	2
200050	ZE 2: system error OS-HC11 (observe parameters) file not available entry in error memory, all crane movements will be stopped	A422		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
200051	ZE 2: system error OS-HC11 (observe parameters) file already opened entry in error memory, all crane movements will be stopped	A422		E	2
200052	ZE 2: system error OS-HC11 (observe parameters) file not open on close entry in error memory, all crane movements will be stopped	A422		E	2
200053	ZE 2: system error OS-HC11 (observe parameters) system mask not available entry in error memory, all crane movements will be stopped	A422		E	2
200054	ZE 2: system error OS-HC11 (observe parameters) system text not available entry in error memory, all crane movements will be stopped	A422		E	2
200055	ZE 2: system error OS-HC11 (observe parameters) symbol not available entry in error memory, all crane movements will be stopped	A422		E	2
200056	ZE 2: system error OS-HC11 (observe parameters) invalid mark in symbol entry in error memory, all crane movements will be stopped	A422		E	2
200057	ZE 2: system error OS-HC11 (observe parameters) default load chart missing entry in error memory, all crane movements will be stopped	A422		E	2
200058	ZE 2: system error OS-HC11 (observe parameters) amplifier erroneous or return power feed entry in error memory, all crane movements will be stopped check wiring	A422		E	2
200059	ZE 2: system error OS-HC11 (observe parameters) subroutine not reentrant entry in error memory, all crane movements will be stopped	A422		E	2
200060	ZE 2: system error OS-HC11 (observe parameters) transmission error SCI entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A422		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
200061	ZE 2: system error OS-HC11 (observe parameters) SCI-BREAK entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A422		E	2
200062	ZE 2: system error OS-HC11 (observe parameters) SCI not connected entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A422		E	2
200063	ZE 2: system error OS-HC11 (observe parameters) monitor error in operation entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A422		E	2
200065	ZE 2: system error OS-HC11 (observe parameters) impermissible bus address entry in error memory, all crane movements will be stopped	A422		E	2
200066	ZE 2: system error OS-HC11 (observe parameters) ADC working outside the permissible tolerance entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A422		E	2
200067	ZE 2: system error OS-HC11 (observe parameters) arithmetic processor not available entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A422		E	2
200068	ZE 2: system error OS-HC11 (observe parameters) impermissible interrupt entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A422		E	2
200070	ZE 2: system error OS-HC11 (observe parameters) various structure versions entry in error memory, no crane operation possible	A422		E	2
200071	ZE 2: system error OS-HC11 (observe parameters) Structure file missing or faulty entry in error memory, no crane operation possible	A422		E	2
200072	ZE 2: system error OS-HC11 (observe parameters) structure entry senseless entry in error memory, no crane operation possible	A422		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
200073	ZE 2: system error OS-HC11 (observe parameters) interpreter error entry in error memory, all crane movements will be stopped	A422		E	2
200074	ZE 2: system error OS-HC11 (observe parameters) transformation ASCII to BIN erroneous entry in error memory, all crane movements will be stopped	A422		E	2
200075	ZE 2: system error OS-HC11 (observe parameters) SPI-error entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A422		E	2
200076	ZE 2: system error OS-HC11 (observe parameters) incorrectly inserted power unit entry in error memory, all crane movements will be stopped check memory card in power supply unit	A422		E	2
200077	ZE 2: system error OS-HC11 (observe parameters) BAF-call-up erroneous entry in error memory, all crane movements will be stopped	A422		E	2
200078	ZE 2: system error OS-HC11 (observe parameters) impermissible parameter entry in error memory, all crane movements will be stopped	A422		E	2
200079	ZE 2: system error OS-HC11 (observe parameters) no right of access entry in error memory, all crane movements will be stopped	A422		E	2
200080	ZE 2: system error OS-HC11 (observe parameters) Fatal internal error entry in error memory, all crane movements will be stopped	A422		E	2
200081	ZE 2: system error OS-HC11 (observe parameters) stack overflow entry in error memory, all crane movements will be stopped	A422		E	2
200082	ZE 2: system error OS-HC11 (observe parameters) hardware-watchdog erroneous entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A422		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
200094	ZE 2: system error OS-HC11 (observe parameters) transmission error parallel bus entry in error memory, all crane movements will be stopped check ZE, bus circuit board, power supply unit	A422		E	2
200095	ZE 2: system error OS-HC11 (observe parameters) DMA-error entry in error memory, all crane movements will be stopped check ZE, bus circuit board, power supply unit	A422		E	2
200099	ZE 2: system error OS-HC11 (observe parameters) DSP0 erroneous entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A422		E	2
202001	ZE 2: system error OS-TMS initialising error processor-register erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A422		E	2
202002	ZE 2: system error OS-TMS initialising error test total in EPROM/FLASH erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A422		E	2
202006	ZE 2: system error OS-TMS initialising error RAM erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A422		E	2
202007	ZE 2: system error OS-TMS UART erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A422		E	2
202020	ZE 2: system error OS-TMS task-watchdog expired entry of error in error memory, all crane movements will be stopped elimination only possible through after-sales service	A422		E	2
202021	ZE 2: system error OS-TMS illegal opcode trap entry of error in error memory, all crane movements will be stopped elimination only possible through after-sales service	A422		E	2
202082	ZE 2: system error OS-TMS hardware-watchdog erroneous entry of error in error memory, all crane movements will be stopped elimination only possible through after-sales service	A422		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
210012	ZE 2: output 0 short circuit to ground	A422.X1:16		E	1
210013	ZE 2: output 0 open signal circuits	A422.X1:16		E	1
210014	ZE 2: output 0 short circuit to supply voltage	A422.X1:16		E	1
210054	ZE 2: output 0 short circuit to supply voltage	A422.X1:16		E	1
210058	ZE 2: output 0 positive switching transistor: disruption	A422.X1:16		E	1
210060	ZE 2: output 0 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A422.X1:16		E	1
210062	ZE 2: output 0 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A422.X1:16		E	1
210063	ZE 2: output 0 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A422.X1:16		E	1
210070	ZE 2: output 0 measuring system defect no crane operation possible entry in error list	A422.X1:16		E	1
210071	ZE 2: output 0 short circuit to ground or transistor defect	A422.X1:16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
210072	ZE 2: output 0 outside source feeding	A422.X1:16		E	1
210073	ZE 2: output 0 open circuit or short circuit to supply voltage/ground	A422.X1:16		E	1
210112	ZE 2: output 1 short circuit to ground	A422.X1:17		E	1
210113	ZE 2: output 1 open signal circuits	A422.X1:17		E	1
210114	ZE 2: output 1 short circuit to supply voltage	A422.X1:17		E	1
210154	ZE 2: output 1 short circuit to supply voltage	A422.X1:17		E	1
210158	ZE 2: output 1 positive switching transistor: disruption	A422.X1:17		E	1
210160	ZE 2: output 1 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A422.X1:17		E	1
210162	ZE 2: output 1 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A422.X1:17		E	1
210163	ZE 2: output 1 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A422.X1:17		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
210170	ZE 2: output 1 measuring system defect no crane operation possible entry in error list	A422.X1:17		E	1
210171	ZE 2: output 1 short circuit to ground or transistor defect	A422.X1:17		E	1
210172	ZE 2: output 1 outside source feeding	A422.X1:17		E	1
210173	ZE 2: output 1 open circuit or short circuit to supply voltage/ground	A422.X1:17		E	1
210212	ZE 2: output 2 short circuit to ground	A422.X1:18		E	1
210213	ZE 2: output 2 open signal circuits	A422.X1:18		E	1
210214	ZE 2: output 2 short circuit to supply voltage	A422.X1:18		E	1
210254	ZE 2: output 2 short circuit to supply voltage	A422.X1:18		E	1
210258	ZE 2: output 2 positive switching transistor: disruption	A422.X1:18		E	1
210270	ZE 2: output 2 measuring system defect no crane operation possible entry in error list	A422.X1:18		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
210271	ZE 2: output 2 short circuit to ground or transistor defect	A422.X1:18		E	1
210272	ZE 2: output 2 outside source feeding	A422.X1:18		E	1
210273	ZE 2: output 2 open circuit or short circuit to supply voltage/ground	A422.X1:18		E	1
210312	ZE 2: output 3 short circuit to ground	A422.X1:19		E	1
210313	ZE 2: output 3 open signal circuits	A422.X1:19		E	1
210314	ZE 2: output 3 short circuit to supply voltage	A422.X1:19		E	1
210354	ZE 2: output 3 short circuit to supply voltage	A422.X1:19		E	1
210358	ZE 2: output 3 positive switching transistor: disruption	A422.X1:19		E	1
210360	ZE 2: output 3 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A422.X1:19		E	1
210362	ZE 2: output 3 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A422.X1:19		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
210363	ZE 2: output 3 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A422.X1:19		E	1
210370	ZE 2: output 3 measuring system defect no crane operation possible entry in error list	A422.X1:19		E	1
210371	ZE 2: output 3 short circuit to ground or transistor defect	A422.X1:19		E	1
210372	ZE 2: output 3 outside source feeding	A422.X1:19		E	1
210373	ZE 2: output 3 open circuit or short circuit to supply voltage/ground	A422.X1:19		E	1
210412	ZE 2: output 4 short circuit to ground	A422.X1:20		E	1
210413	ZE 2: output 4 open signal circuits	A422.X1:20		E	1
210414	ZE 2: output 4 short circuit to supply voltage	A422.X1:20		E	1
210454	ZE 2: output 4 short circuit to supply voltage	A422.X1:20		E	1
210458	ZE 2: output 4 positive switching transistor: disruption	A422.X1:20		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
210460	ZE 2: output 4 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A422.X1:20		E	1
210462	ZE 2: output 4 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A422.X1:20		E	1
210463	ZE 2: output 4 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A422.X1:20		E	1
210470	ZE 2: output 4 measuring system defect no crane operation possible entry in error list	A422.X1:20		E	1
210471	ZE 2: output 4 short circuit to ground or transistor defect	A422.X1:20		E	1
210472	ZE 2: output 4 outside source feeding	A422.X1:20		E	1
210473	ZE 2: output 4 open circuit or short circuit to supply voltage/ground	A422.X1:20		E	1
210512	ZE 2: output 5 short circuit to ground	A422.X1:21		E	1
210513	ZE 2: output 5 open signal circuits	A422.X1:21		E	1
210514	ZE 2: output 5 short circuit to supply voltage	A422.X1:21		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
210554	ZE 2: output 5 short circuit to supply voltage	A422.X1:21		E	1
210558	ZE 2: output 5 positive switching transistor: disruption	A422.X1:21		E	1
210560	ZE 2: output 5 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A422.X1:21		E	1
210562	ZE 2: output 5 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A422.X1:21		E	1
210563	ZE 2: output 5 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A422.X1:21		E	1
210570	ZE 2: output 5 measuring system defect no crane operation possible entry in error list	A422.X1:21		E	1
210571	ZE 2: output 5 short circuit to ground or transistor defect	A422.X1:21		E	1
210572	ZE 2: output 5 outside source feeding	A422.X1:21		E	1
210573	ZE 2: output 5 open circuit or short circuit to supply voltage/ground	A422.X1:21		E	1
210612	ZE 2: output 6 short circuit to ground	A422.X1:22		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
210613	ZE 2: output 6 open signal circuits	A422.X1:22		E	1
210614	ZE 2: output 6 short circuit to supply voltage	A422.X1:22		E	1
210654	ZE 2: output 6 short circuit to supply voltage	A422.X1:22		E	1
210658	ZE 2: output 6 positive switching transistor: disruption	A422.X1:22		E	1
210670	ZE 2: output 6 measuring system defect no crane operation possible entry in error list	A422.X1:22		E	1
210671	ZE 2: output 6 short circuit to ground or transistor defect	A422.X1:22		E	1
210672	ZE 2: output 6 outside source feeding	A422.X1:22		E	1
210673	ZE 2: output 6 open circuit or short circuit to supply voltage/ground	A422.X1:22		E	1
210712	ZE 2: output 7 short circuit to ground	A422.X1:23		E	1
210713	ZE 2: output 7 open signal circuits	A422.X1:23		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
210714	ZE 2: output 7 short circuit to supply voltage	A422.X1:23		E	1
210754	ZE 2: output 7 short circuit to supply voltage	A422.X1:23		E	1
210758	ZE 2: output 7 positive switching transistor: disruption	A422.X1:23		E	1
210760	ZE 2: output 7 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A422.X1:23		E	1
210762	ZE 2: output 7 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A422.X1:23		E	1
210763	ZE 2: output 7 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A422.X1:23		E	1
210770	ZE 2: output 7 measuring system defect no crane operation possible entry in error list	A422.X1:23		E	1
210771	ZE 2: output 7 short circuit to ground or transistor defect	A422.X1:23		E	1
210772	ZE 2: output 7 outside source feeding	A422.X1:23		E	1
210773	ZE 2: output 7 open circuit or short circuit to supply voltage/ground	A422.X1:23		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
214959	ZE 2: all output supply voltage missing	A422		E	1
215059	ZE 2: output group 0 supply voltage missing	A422.X1:12		E	1
215159	ZE 2: output group 1 supply voltage missing	A422.X1:24		E	1
215259	ZE 2: output group 2 supply voltage missing	A422		E	1
215359	ZE 2: output group 3 supply voltage missing	A422		E	1
220004	ZE 2: LSB participant address 0 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
220005	ZE 2: LSB participant address 0 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
220018	ZE 2: LSB participant address 0 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
220050	ZE 2: LSB participant address 0 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
220051	ZE 2: LSB participant address 0 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
220053	ZE 2: LSB participant address 0 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
220054	ZE 2: LSB participant address 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
220064	ZE 2: LSB participant address 0 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
220065	ZE 2: LSB participant address 0 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
220066	ZE 2: LSB participant address 0 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
220067	ZE 2: LSB participant address 0 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
220104	ZE 2: LSB participant address 1 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
220105	ZE 2: LSB participant address 1 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
220118	ZE 2: LSB participant address 1 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
220150	ZE 2: LSB participant address 1 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
220151	ZE 2: LSB participant address 1 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
220153	ZE 2: LSB participant address 1 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
220154	ZE 2: LSB participant address 1 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
220164	ZE 2: LSB participant address 1 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
220165	ZE 2: LSB participant address 1 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
220166	ZE 2: LSB participant address 1 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
220167	ZE 2: LSB participant address 1 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
220204	ZE 2: LSB participant address 2 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
220205	ZE 2: LSB participant address 2 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
220218	ZE 2: LSB participant address 2 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
220250	ZE 2: LSB participant address 2 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
220251	ZE 2: LSB participant address 2 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
220253	ZE 2: LSB participant address 2 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
220254	ZE 2: LSB participant address 2 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
220264	ZE 2: LSB participant address 2 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
220265	ZE 2: LSB participant address 2 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
220266	ZE 2: LSB participant address 2 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
220267	ZE 2: LSB participant address 2 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
220304	ZE 2: LSB participant address 3 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
220305	ZE 2: LSB participant address 3 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
220318	ZE 2: LSB participant address 3 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
220350	ZE 2: LSB participant address 3 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
220351	ZE 2: LSB participant address 3 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
220353	ZE 2: LSB participant address 3 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
220354	ZE 2: LSB participant address 3 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
220364	ZE 2: LSB participant address 3 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
220365	ZE 2: LSB participant address 3 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
220366	ZE 2: LSB participant address 3 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
220367	ZE 2: LSB participant address 3 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
220404	ZE 2: LSB participant address 4 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
220405	ZE 2: LSB participant address 4 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
220418	ZE 2: LSB participant address 4 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
220450	ZE 2: LSB participant address 4 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
220451	ZE 2: LSB participant address 4 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
220453	ZE 2: LSB participant address 4 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
220454	ZE 2: LSB participant address 4 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
220464	ZE 2: LSB participant address 4 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
220465	ZE 2: LSB participant address 4 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
220466	ZE 2: LSB participant address 4 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
220467	ZE 2: LSB participant address 4 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
220504	ZE 2: LSB participant address 5 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
220505	ZE 2: LSB participant address 5 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
220518	ZE 2: LSB participant address 5 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
220550	ZE 2: LSB participant address 5 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
220551	ZE 2: LSB participant address 5 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
220553	ZE 2: LSB participant address 5 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
220554	ZE 2: LSB participant address 5 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
220564	ZE 2: LSB participant address 5 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
220565	ZE 2: LSB participant address 5 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
220566	ZE 2: LSB participant address 5 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
220567	ZE 2: LSB participant address 5 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
220604	ZE 2: LSB participant address 6 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
220605	ZE 2: LSB participant address 6 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
220618	ZE 2: LSB participant address 6 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
220650	ZE 2: LSB participant address 6 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
220651	ZE 2: LSB participant address 6 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
220653	ZE 2: LSB participant address 6 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
220654	ZE 2: LSB participant address 6 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
220664	ZE 2: LSB participant address 6 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
220665	ZE 2: LSB participant address 6 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
220666	ZE 2: LSB participant address 6 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
220667	ZE 2: LSB participant address 6 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
220704	ZE 2: LSB participant address 7 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
220705	ZE 2: LSB participant address 7 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
220718	ZE 2: LSB participant address 7 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
220750	ZE 2: LSB participant address 7 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
220751	ZE 2: LSB participant address 7 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
220753	ZE 2: LSB participant address 7 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
220754	ZE 2: LSB participant address 7 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
220764	ZE 2: LSB participant address 7 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
220765	ZE 2: LSB participant address 7 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
220766	ZE 2: LSB participant address 7 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
220767	ZE 2: LSB participant address 7 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
220804	ZE 2: LSB participant address 8 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
220805	ZE 2: LSB participant address 8 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
220818	ZE 2: LSB participant address 8 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
220850	ZE 2: LSB participant address 8 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
220851	ZE 2: LSB participant address 8 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
220853	ZE 2: LSB participant address 8 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
220854	ZE 2: LSB participant address 8 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
220864	ZE 2: LSB participant address 8 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
220865	ZE 2: LSB participant address 8 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
220866	ZE 2: LSB participant address 8 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
220867	ZE 2: LSB participant address 8 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
220904	ZE 2: LSB participant address 9 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
220905	ZE 2: LSB participant address 9 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
220918	ZE 2: LSB participant address 9 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
220950	ZE 2: LSB participant address 9 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
220951	ZE 2: LSB participant address 9 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
220953	ZE 2: LSB participant address 9 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
220954	ZE 2: LSB participant address 9 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
220964	ZE 2: LSB participant address 9 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
220965	ZE 2: LSB participant address 9 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
220966	ZE 2: LSB participant address 9 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
220967	ZE 2: LSB participant address 9 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
221004	ZE 2: LSB participant address 10 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
221005	ZE 2: LSB participant address 10 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
221018	ZE 2: LSB participant address 10 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
221050	ZE 2: LSB participant address 10 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
221051	ZE 2: LSB participant address 10 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
221053	ZE 2: LSB participant address 10 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
221054	ZE 2: LSB participant address 10 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
221064	ZE 2: LSB participant address 10 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
221065	ZE 2: LSB participant address 10 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
221066	ZE 2: LSB participant address 10 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
221067	ZE 2: LSB participant address 10 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
221104	ZE 2: LSB participant address 11 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
221105	ZE 2: LSB participant address 11 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
221118	ZE 2: LSB participant address 11 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
221150	ZE 2: LSB participant address 11 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
221151	ZE 2: LSB participant address 11 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
221153	ZE 2: LSB participant address 11 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
221154	ZE 2: LSB participant address 11 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
221164	ZE 2: LSB participant address 11 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
221165	ZE 2: LSB participant address 11 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
221166	ZE 2: LSB participant address 11 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
221167	ZE 2: LSB participant address 11 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
221204	ZE 2: LSB participant address 12 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
221205	ZE 2: LSB participant address 12 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
221218	ZE 2: LSB participant address 12 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
221250	ZE 2: LSB participant address 12 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
221251	ZE 2: LSB participant address 12 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
221253	ZE 2: LSB participant address 12 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
221254	ZE 2: LSB participant address 12 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
221264	ZE 2: LSB participant address 12 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
221265	ZE 2: LSB participant address 12 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
221266	ZE 2: LSB participant address 12 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
221267	ZE 2: LSB participant address 12 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
221304	ZE 2: LSB participant address 13 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
221305	ZE 2: LSB participant address 13 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
221318	ZE 2: LSB participant address 13 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
221350	ZE 2: LSB participant address 13 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
221351	ZE 2: LSB participant address 13 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
221353	ZE 2: LSB participant address 13 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
221354	ZE 2: LSB participant address 13 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
221364	ZE 2: LSB participant address 13 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
221365	ZE 2: LSB participant address 13 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
221366	ZE 2: LSB participant address 13 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
221367	ZE 2: LSB participant address 13 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
221404	ZE 2: LSB participant address 14 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
221405	ZE 2: LSB participant address 14 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
221418	ZE 2: LSB participant address 14 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
221450	ZE 2: LSB participant address 14 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
221451	ZE 2: LSB participant address 14 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
221453	ZE 2: LSB participant address 14 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
221454	ZE 2: LSB participant address 14 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
221464	ZE 2: LSB participant address 14 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
221465	ZE 2: LSB participant address 14 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
221466	ZE 2: LSB participant address 14 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
221467	ZE 2: LSB participant address 14 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
221504	ZE 2: LSB participant address 15 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
221505	ZE 2: LSB participant address 15 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
221518	ZE 2: LSB participant address 15 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
221550	ZE 2: LSB participant address 15 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
221551	ZE 2: LSB participant address 15 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
221553	ZE 2: LSB participant address 15 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
221554	ZE 2: LSB participant address 15 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
221564	ZE 2: LSB participant address 15 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
221565	ZE 2: LSB participant address 15 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
221566	ZE 2: LSB participant address 15 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
221567	ZE 2: LSB participant address 15 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
221604	ZE 2: LSB participant address 16 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
221605	ZE 2: LSB participant address 16 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
221618	ZE 2: LSB participant address 16 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
221650	ZE 2: LSB participant address 16 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
221651	ZE 2: LSB participant address 16 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
221653	ZE 2: LSB participant address 16 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
221654	ZE 2: LSB participant address 16 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
221664	ZE 2: LSB participant address 16 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
221665	ZE 2: LSB participant address 16 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
221666	ZE 2: LSB participant address 16 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
221667	ZE 2: LSB participant address 16 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
221704	ZE 2: LSB participant address 17 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
221705	ZE 2: LSB participant address 17 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
221718	ZE 2: LSB participant address 17 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
221750	ZE 2: LSB participant address 17 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
221751	ZE 2: LSB participant address 17 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
221753	ZE 2: LSB participant address 17 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
221754	ZE 2: LSB participant address 17 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
221764	ZE 2: LSB participant address 17 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
221765	ZE 2: LSB participant address 17 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
221766	ZE 2: LSB participant address 17 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
221767	ZE 2: LSB participant address 17 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
221804	ZE 2: LSB participant address 18 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
221805	ZE 2: LSB participant address 18 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
221818	ZE 2: LSB participant address 18 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
221850	ZE 2: LSB participant address 18 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
221851	ZE 2: LSB participant address 18 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
221853	ZE 2: LSB participant address 18 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
221854	ZE 2: LSB participant address 18 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
221864	ZE 2: LSB participant address 18 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
221865	ZE 2: LSB participant address 18 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
221866	ZE 2: LSB participant address 18 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
221867	ZE 2: LSB participant address 18 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
221904	ZE 2: LSB participant address 19 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
221905	ZE 2: LSB participant address 19 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
221918	ZE 2: LSB participant address 19 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
221950	ZE 2: LSB participant address 19 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
221951	ZE 2: LSB participant address 19 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
221953	ZE 2: LSB participant address 19 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
221954	ZE 2: LSB participant address 19 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
221964	ZE 2: LSB participant address 19 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
221965	ZE 2: LSB participant address 19 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
221966	ZE 2: LSB participant address 19 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
221967	ZE 2: LSB participant address 19 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
222004	ZE 2: LSB participant address 20 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
222005	ZE 2: LSB participant address 20 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
222018	ZE 2: LSB participant address 20 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
222050	ZE 2: LSB participant address 20 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
222051	ZE 2: LSB participant address 20 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
222053	ZE 2: LSB participant address 20 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
222054	ZE 2: LSB participant address 20 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
222064	ZE 2: LSB participant address 20 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
222065	ZE 2: LSB participant address 20 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
222066	ZE 2: LSB participant address 20 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
222067	ZE 2: LSB participant address 20 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
222104	ZE 2: LSB participant address 21 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
222105	ZE 2: LSB participant address 21 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
222118	ZE 2: LSB participant address 21 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
222150	ZE 2: LSB participant address 21 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
222151	ZE 2: LSB participant address 21 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
222153	ZE 2: LSB participant address 21 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
222154	ZE 2: LSB participant address 21 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
222164	ZE 2: LSB participant address 21 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
222165	ZE 2: LSB participant address 21 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
222166	ZE 2: LSB participant address 21 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
222167	ZE 2: LSB participant address 21 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
222204	ZE 2: LSB participant address 22 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
222205	ZE 2: LSB participant address 22 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
222218	ZE 2: LSB participant address 22 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
222250	ZE 2: LSB participant address 22 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
222251	ZE 2: LSB participant address 22 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
222253	ZE 2: LSB participant address 22 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
222254	ZE 2: LSB participant address 22 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
222264	ZE 2: LSB participant address 22 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
222265	ZE 2: LSB participant address 22 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
222266	ZE 2: LSB participant address 22 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
222267	ZE 2: LSB participant address 22 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
222304	ZE 2: LSB participant address 23 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
222305	ZE 2: LSB participant address 23 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
222318	ZE 2: LSB participant address 23 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
222350	ZE 2: LSB participant address 23 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
222351	ZE 2: LSB participant address 23 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
222353	ZE 2: LSB participant address 23 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
222354	ZE 2: LSB participant address 23 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
222364	ZE 2: LSB participant address 23 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
222365	ZE 2: LSB participant address 23 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
222366	ZE 2: LSB participant address 23 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
222367	ZE 2: LSB participant address 23 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
222404	ZE 2: LSB participant address 24 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
222405	ZE 2: LSB participant address 24 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
222418	ZE 2: LSB participant address 24 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
222450	ZE 2: LSB participant address 24 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
222451	ZE 2: LSB participant address 24 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
222453	ZE 2: LSB participant address 24 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
222454	ZE 2: LSB participant address 24 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
222464	ZE 2: LSB participant address 24 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
222465	ZE 2: LSB participant address 24 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
222466	ZE 2: LSB participant address 24 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
222467	ZE 2: LSB participant address 24 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
222504	ZE 2: LSB participant address 25 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
222505	ZE 2: LSB participant address 25 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
222518	ZE 2: LSB participant address 25 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
222550	ZE 2: LSB participant address 25 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
222551	ZE 2: LSB participant address 25 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
222553	ZE 2: LSB participant address 25 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
222554	ZE 2: LSB participant address 25 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
222564	ZE 2: LSB participant address 25 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
222565	ZE 2: LSB participant address 25 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
222566	ZE 2: LSB participant address 25 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
222567	ZE 2: LSB participant address 25 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
222604	ZE 2: LSB participant address 26 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
222605	ZE 2: LSB participant address 26 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
222618	ZE 2: LSB participant address 26 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
222650	ZE 2: LSB participant address 26 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
222651	ZE 2: LSB participant address 26 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
222653	ZE 2: LSB participant address 26 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
222654	ZE 2: LSB participant address 26 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
222664	ZE 2: LSB participant address 26 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
222665	ZE 2: LSB participant address 26 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
222666	ZE 2: LSB participant address 26 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
222667	ZE 2: LSB participant address 26 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
222704	ZE 2: LSB participant address 27 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
222705	ZE 2: LSB participant address 27 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
222718	ZE 2: LSB participant address 27 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
222750	ZE 2: LSB participant address 27 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
222751	ZE 2: LSB participant address 27 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
222753	ZE 2: LSB participant address 27 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
222754	ZE 2: LSB participant address 27 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
222764	ZE 2: LSB participant address 27 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
222765	ZE 2: LSB participant address 27 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
222766	ZE 2: LSB participant address 27 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
222767	ZE 2: LSB participant address 27 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
222804	ZE 2: LSB participant address 28 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
222805	ZE 2: LSB participant address 28 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
222818	ZE 2: LSB participant address 28 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
222850	ZE 2: LSB participant address 28 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
222851	ZE 2: LSB participant address 28 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
222853	ZE 2: LSB participant address 28 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
222854	ZE 2: LSB participant address 28 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
222864	ZE 2: LSB participant address 28 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
222865	ZE 2: LSB participant address 28 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
222866	ZE 2: LSB participant address 28 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
222867	ZE 2: LSB participant address 28 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
222904	ZE 2: LSB participant address 29 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
222905	ZE 2: LSB participant address 29 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
222918	ZE 2: LSB participant address 29 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
222950	ZE 2: LSB participant address 29 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
222951	ZE 2: LSB participant address 29 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
222953	ZE 2: LSB participant address 29 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
222954	ZE 2: LSB participant address 29 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
222964	ZE 2: LSB participant address 29 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
222965	ZE 2: LSB participant address 29 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
222966	ZE 2: LSB participant address 29 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
222967	ZE 2: LSB participant address 29 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
223004	ZE 2: LSB participant address 30 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1
223005	ZE 2: LSB participant address 30 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
223018	ZE 2: LSB participant address 30 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
223050	ZE 2: LSB participant address 30 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
223051	ZE 2: LSB participant address 30 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
223053	ZE 2: LSB participant address 30 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
223054	ZE 2: LSB participant address 30 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
223064	ZE 2: LSB participant address 30 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
223065	ZE 2: LSB participant address 30 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
223066	ZE 2: LSB participant address 30 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
223067	ZE 2: LSB participant address 30 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1
223252	ZE 2: Control data transfer LSB has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A422.X2:z14/z16		E	0
223255	ZE 2: Control data transfer LSB Bus connection faulty/defect, short circuit to supply voltage entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A422.X2:z14/z16		E	2
223256	ZE 2: Control data transfer LSB Bus connection faulty/defect, no supply/short circuit to earth entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A422.X2:z14/z16		E	2
223257	ZE 2: Control data transfer LSB has recognised network re-set (data transfer starts again) entry in error memory, driver re-starts and runs re-booting of network check bus lines, withdraw sensors successively from bus until malfunction source recognised, replace defective part	A422.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
223258	ZE 2: Control data transfer LSB recognised participant with incorrect baud rate in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated from system itself, check address assignment of sensors	A422.X2:z14/z16		E	0
223259	ZE 2: Control data transfer LSB recognised communication breakdown in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated by driver through re-booting of network	A422.X2:z14/z16		E	0
223260	ZE 2: Control data transfer LSB driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant with temporary malfunctions error will be eliminated by system itself, with incorrect configuration install new software	A422.X2:z14/z16		E	2
223261	ZE 2: Control data transfer LSB driver error: undefined message appears entry in error memory, driver re-starts and runs re-booting of network with temporary malfunc. error will be eliminated by system itself otherwise new Software necessary for error elimination	A422.X2:z14/z16		E	2
223262	ZE 2: Control data transfer LSB Driver error: Initialization error entry in error memory, driver re-starts and runs re-booting of network new Software is necessary for error elimination	A422.X2:z14/z16		E	2
232000	ZE 2: control winch 1 no slewing movement recognized on actuated winch output of error check LICCON output, lines for short or break, incremental sensor on function, hoisting gear brake	A422		E	1
232002	ZE 2: control winch 1 hydraulic circuit pressure sensor defective/missing if valid winch torque for LMB is available this will be used, otherwise 0 bar is loaded into pressure value memory Observe system error for faulty or missing sensor.	A422		E	1
232003	ZE 2: control winch 1 Winch turn sensor, internal non-tolerable continuous error (P0=04H) Operation conditional switch off, may not be shunted in the LSB- sensor view of the test system: take over default values, otherwise replace sensor	A422		E	
232004	ZE 2: control winch 1 Winch turn sensor, internal non-tolerable continuous error (P0=08H/40H) Operation conditional switch off, may not be shunted replace sensor through new part	A422		E	
232005	ZE 2: control winch 1 Winch turn sensor, internal non-tolerable continuous error (P0=10H) Operation conditional switch off, may not be shunted Reload data on external EEPROM, otherwise replace external EEPROM	A422		E	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
232006	ZE 2: control winch 1 Winch turn sensor, internal non-tolerable continuous error (P0=20H) Operation conditional switch off, may not be shunted Reload data on internal EEPROM, otherwise replace sensor	A422		E	
232007	ZE 2: control winch 1 Winch turn sensor, internal, non-tolerable partial error Operation conditional switch off, may not be shunted replace sensor through new part	A422		E	
232008	ZE 2: control winch 1 Winch turn sensor, tolerable error(P0=01H), sensor not exact Output of error (resolution of sensor is bad) Replace sensor in the meantime	A422		E	
232009	ZE 2: control winch 1 Winch turn sensor, tolerable error(P0=02H), replace external EEPROM Output of error Replace sensor in the meantime	A422		E	
232010	ZE 2: control winch 1 Winch turn sensor, tolerable error (P0=04H) button pressed constantly Output of error, adjusting with button does not work Check button, replace sensor in the meantime, if necessary	A422		E	
232011	ZE 2: control winch 1 Winch turn sensor,tolerable error (P0=08H) pressure sensor1 not 4-20mA Output of error Check pressure sensor - Analog signal line to winch turn sensor, or replace this pressure sensor	A422		E	
232012	ZE 2: control winch 1 Winch turn sensor, tolerable error(P0=10H) pressure sensor2 not 4-20mA Output of error Check pressure sensor - Analog signal line to winch turn sensor, or replace this pressure sensor	A422		E	
232013	ZE 2: control winch 1 Winch turn sensor, tolerable error(P0=20H) Safety relay stuck Output of error, 2. shut off "Winch spooled out " does not work Replace sensor in the meantime	A422		E	
232014	ZE 2: control winch 1 Winch turn sensor, tolerable error(P0=40H) Output of error Replace sensor in the meantime	A422		E	
232015	ZE 2: control winch 1 tolerable error, maximum theoretical load collective reached Output of error Check winch	A422		E	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
232017	ZE 2: control winch 1 Brake pressure exists and brake is not actuated output of error Check: - Outlet LICCON, -Line for short circuit after supply voltage, hydraulic control hoist gear brake	A422		E	1
232018	ZE 2: control winch 1 Pressure too high when pump is not actuated Output of error Check pump or pressure sensor	A422		E	
232027	ZE 2: control winch 1 Rotational speed too high, current nominal value exceeded error report Check initial current and end current of pump and control motor, adj. if nec. Check hydraulic (espe.	A422		E	1
23202D	ZE 2: control winch 1 Impermissible rotation movement in lowering direction Error message. Shut down winch by closing winch brake Broken drive shaft. Hydraulic short circuit between LIFT and LOWER conn. Motor. Hose breakage. Hydraulic	A422		E	1
23202F	ZE 2: control winch 1 Repl. Pr. Switch continuous actuation or short circuit after VCC output of error Check: - input LICCON, line for short circuit after supply voltage, pressure switch for function	A422		E	1
232041	ZE 2: control winch 1 Rotation movement against selected movement direction Error message. Shut down winch by closing winch brake Check actuation of crane pump. Check winch turn sensor (count direction), check winch turn sensor(Anba	A422		E	1
232042	ZE 2: control winch 1 Rotation movement at non-actuated winch brake error report Check winch brake. Check winch turn sensor(installation)	A422		E	1
232100	ZE 2: control winch 2 no slewing movement recognized on actuated winch output of error check LICCON output, lines for short or break, incremental sensor on function, hoisting gear brake	A422		E	1
232102	ZE 2: control winch 2 hydraulic circuit pressure sensor defective/missing if valid winch torque for LMB is available this will be used, otherwise 0 bar is loaded into pressure value memory Observe system error for faulty or missing sensor.	A422		E	1
232103	ZE 2: control winch 2 Winch turn sensor, internal non-tolerable continuous error (P0=04H) Operation conditional switch off, may not be shunted in the LSB- sensor view of the test system: take over default values, otherwise replace sensor	A422		E	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
232104	ZE 2: control winch 2 Winch turn sensor, internal non-tolerable continuous error (P0=08H/40H) Operation conditional switch off, may not be shunted replace sensor through new part	A422		E	
232105	ZE 2: control winch 2 Winch turn sensor, internal non-tolerable continuous error (P0=10H) Operation conditional switch off, may not be shunted Reload data on external EEPROM, otherwise replace external EEPROM	A422		E	
232106	ZE 2: control winch 2 Winch turn sensor, internal non-tolerable continuous error (P0=20H) Operation conditional switch off, may not be shunted Reload data on internal EEPROM, otherwise replace sensor	A422		E	
232107	ZE 2: control winch 2 Winch turn sensor, internal, non-tolerable partial error Operation conditional switch off, may not be shunted replace sensor through new part	A422		E	
232108	ZE 2: control winch 2 Winch turn sensor, tolerable error(P0=01H), sensor not exact Output of error (resolution of sensor is bad) Replace sensor in the meantime	A422		E	
232109	ZE 2: control winch 2 Winch turn sensor, tolerable error(P0=02H), replace external EEPROM Output of error Replace sensor in the meantime	A422		E	
232110	ZE 2: control winch 2 Winch turn sensor, tolerable error (P0=04H) button pressed constantly Output of error, adjusting with button does not work Check button, replace sensor in the meantime, if necessary	A422		E	
232111	ZE 2: control winch 2 Winch turn sensor, tolerable error (P0=08H) pressure sensor1 not 4-20mA Output of error Check pressure sensor - Analog signal line to winch turn sensor, or replace this pressure sensor	A422		E	
232112	ZE 2: control winch 2 Winch turn sensor, tolerable error(P0=10H) pressure sensor2 not 4-20mA Output of error Check pressure sensor - Analog signal line to winch turn sensor, or replace this pressure sensor	A422		E	
232113	ZE 2: control winch 2 Winch turn sensor, tolerable error(P0=20H) Safety relay stuck Output of error, 2. shut off "Winch spooled out " does not work Replace sensor in the meantime	A422		E	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
232114	ZE 2: control winch 2 Winch turn sensor, tolerable error(P0=40H) Output of error Replace sensor in the meantime	A422		E	
232115	ZE 2: control winch 2 tolerable error, maximum theoretical load collective reached Output of error Check winch	A422		E	
232117	ZE 2: control winch 2 Brake pressure exists and brake is not actuated output of error Check: - Outlet LICCON, -Line for short circuit after supply voltage, hydraulic control hoist gear brake	A422		E	1
232118	ZE 2: control winch 2 Pressure too high when pump is not actuated Output of error Check pump or pressure sensor	A422		E	
232127	ZE 2: control winch 2 Rotational speed too high, current nominal value exceeded error report Check initial current and end current of pump and control motor, adj. if nec. Check hydraulic (espe.	A422		E	1
23212D	ZE 2: control winch 2 Impermissible rotation movement in lowering direction Error message. Shut down winch by closing winch brake Broken drive shaft. Hydraulic short circuit between LIFT and LOWER conn. Motor. Hose breakage. Hydraulic	A422		E	1
23212F	ZE 2: control winch 2 Repl. Pr. Switch continuous actuation or short circuit after VCC output of error Check: - input LICCON, line for short circuit after supply voltage, pressure switch for function	A422		E	1
232141	ZE 2: control winch 2 Rotation movement against selected movement direction Error message. Shut down winch by closing winch brake Check actuation of crane pump. Check winch turn sensor (count direction), check winch turn sensor(Anba	A422		E	1
232142	ZE 2: control winch 2 Rotation movement at non-actuated winch brake error report Check winch brake. Check winch turn sensor(installation)	A422		E	1
235000	ZE 2: operation winch 1 Shut off pressure sensor "RFP SA-bracket" defective / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A422		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
235001	ZE 2: operation winch 1 feed pressure supply missing/too low Operation conditional switch off, may not be shunted Reestablish charge pressure supply - shut-down may not be shunted	A422		B	
235004	ZE 2: operation winch 1 unreeled winch shut-down Operation conditional switch off, may not be shunted reel in winch until the "winch reeled out" switch is no longer actuated - shut-down cannot be shunted	A422		B	
235005	ZE 2: operation winch 1 reeled winch shut-down Operation conditional switch off, may not be shunted reel out winch until the "winch reeled in" switch is no longer actuated -shut-down cannot be shunted	A422		B	
235019	ZE 2: operation winch 1 no or invalid operation mode shut-down Operation conditional switch off, may not be shunted enter correct operation mode or dismantle accessory parts - shut-down cannot be shunted	A422		B	
235020	ZE 2: operation winch 1 LMB shut-down operational shut down Remedy cause of "LMB Stop" see error report LMB - shut-down may be shunted via assembly switch (danger).	A422		B	
235021	ZE 2: operation winch 1 Shut-down measuring point 1 > F max - operation operational shut down Lower load or raise derrick ballast if possible or lay on additional derrick counterweight if possible.	A422		B	
235022	ZE 2: operation winch 1 Shut-down measuring point 1 > F max - assembly Operation conditional switch off, may not be shunted Lower load or raise derrick ballast if possible or lay on additional derrick counterweight if possible.	A422		B	
235024	ZE 2: operation winch 1 Shut-down measuring point 1 < F min and count. utilisation > 50% Operation conditional switch off, may not be shunted Lower load or set down derrick counterweight if possible or wind off luffing gear if possible.	A422		B	
235025	ZE 2: operation winch 1 Shut-down measuring point 1 < F min and count. utilisation > 90% Operation conditional switch off, may not be shunted Set down derrick counterweight on ground, if not possible unload derrick counterweight, until forces in desired range	A422		B	
235026	ZE 2: operation winch 1 Shut-down upper limit angle derrick OGWD operational shut down Operate derrick boom in operating position - shut-down may be shunted (danger).	A422		B	



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
235027	ZE 2: operation winch 1 Shut-down lower limit angle derrick UGWD operational shut down Operate derrick boom in operating position - shut-down may be shunted (danger).	A422		B	
235029	ZE 2: operation winch 1 winch blocked (C-key monitor) Operation conditional switch off, may not be shunted Authorise winch 1 in control diagram	A422		B	
235030	ZE 2: operation winch 1 master switch 1 defective/missing operational shut down Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A422		B	
235033	ZE 2: operation winch 1 Shut-down parallel op. differential path between winches too great Operation conditional switch off, may not be shunted Operate load hook in single operation winches 1 and 2 horizontally and set winches 1 and 2 in parallel operation.	A422		B	
235037	ZE 2: operation winch 1 Winch rotational sensor faulty / missing Operation conditional switch off, may not be shunted Check: -sensor for function, cables for interruption or short circuit	A422		B	
235039	ZE 2: operation winch 1 seat contact shut-down operational shut down Sit down or actuate one of the shunting switches for the seat contact in the master switches.	A422		B	
23503E	ZE 2: operation winch 1 Shut off master switch zero position forced operational shut down Bring the master switch to neutral pos. and then deflect the desired movement again	A422		B	
235044	ZE 2: operation winch 1 Shut-off crane engine not running Output of error, crane function is not selected. Should crane function be required, start engine and re-actuate master switch.	A422		B	
235050	ZE 2: operation winch 1 end of stroke switch shut-down 1 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A422		B	
235051	ZE 2: operation winch 1 end of stroke switch shut-down 2 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A422		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
235052	ZE 2: operation winch 1 end of stroke switch shut-down 3 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A422		B	
235057	ZE 2: operation winch 1 Shut-down press. SA-frame overtop guard cylinder < minimal press. Operation conditional switch off, may not be shunted Check pressure supply Relapse cylinders SA-frame	A422		B	
23505A	ZE 2: operation winch 1 Shut off Hoist limit switch 3 / 4 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A422		B	
235062	ZE 2: operation winch 1 Emerg. shut-off winch-winch rotational sensor interrupts brake control Emergency shut-down - raising / lowering winch only possible in emergency operation Check why "Winch wound out" shut-off did not function, lifting/lowering only possible with emergency operation (danger)	A422		B	
235063	ZE 2: operation winch 1 Crane engine in overspeed Operation conditional switch off, may not be shunted Check engine RPM shut off cannot be bypassed	A422		B	
235064	ZE 2: operation winch 1 Release pressure of brake fallen below Operation conditional switch off, may not be shunted Check release pressure of brake - shut off not bridgeable	A422		B	
235066	ZE 2: operation winch 1 Shut off pressure sensor "RFP main boom" defective / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A422		B	
235067	ZE 2: operation winch 1 Shut off pressure sensor "RFP Derrick" defective / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A422		B	
23507A	ZE 2: operation winch 1 Shut off Radio assembly BTT-E Main boom angle exceeded	A422		B	
23507C	ZE 2: operation winch 1 Shut off Radio assembly BTT-E Accessory angle exceeded	A422		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
235081	ZE 2: operation winch 1 end of stroke switch 1 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A422		B	
235082	ZE 2: operation winch 1 end of stroke switch 2 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A422		B	
235083	ZE 2: operation winch 1 end of stroke switch 3 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A422		B	
23508B	ZE 2: operation winch 1 Shut off Hoist limit switch 3 / 4 erroneous operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A422		B	
23509A	ZE 2: operation winch 1 Shut off Pressure relapse cyl. Main boom less than min. pressure Operation conditional switch off, may not be shunted Check pressure supply Relapse cylinders main boom	A422		B	
23509B	ZE 2: operation winch 1 Shut off Pressure relapse cyl. Derrick less than min. pressure Operation conditional switch off, may not be shunted Check pressure supply Relapse cylinders Derrick	A422		B	
2350B3	ZE 2: operation winch 1 Shut off Test point 1 < F min and upper limit angle Derrick OGWD operational shut down If possible, move derrick boom in op. position, for that assembly - winch 4 can be lowered	A422			
2350B5	ZE 2: operation winch 1 Master switch right BTTE erroneous/missing operational shut down Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A422		B	
235100	ZE 2: operation winch 2 Shut off pressure sensor "RFP SA-bracket" defective / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A422		B	
235101	ZE 2: operation winch 2 feed pressure supply missing/too low Operation conditional switch off, may not be shunted Reestablish charge pressure supply - shut-down may not be shunted	A422		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
235104	ZE 2: operation winch 2 unreeled winch shut-down Operation conditional switch off, may not be shunted reel in winch until the "winch reeled out" switch is no longer actuated - shut-down cannot be shunted	A422		B	
235105	ZE 2: operation winch 2 reeled winch shut-down Operation conditional switch off, may not be shunted reel out winch until the "winch reeled in" switch is no longer actuated -shut-down cannot be shunted	A422		B	
235119	ZE 2: operation winch 2 no or invalid operation mode shut-down Operation conditional switch off, may not be shunted enter correct operation mode or dismantle accessory parts - shut-down cannot be shunted	A422		B	
235120	ZE 2: operation winch 2 LMB shut-down operational shut down Remedy cause of "LMB Stop" see error report LMB - shut-down may be shunted via assembly switch (danger).	A422		B	
235121	ZE 2: operation winch 2 Shut-down measuring point 1 > F max - operation operational shut down Lower load or raise derrick ballast if possible or lay on additional derrick counterweight if possible.	A422		B	
235122	ZE 2: operation winch 2 Shut-down measuring point 1 > F max - assembly Operation conditional switch off, may not be shunted Lower load or raise derrick ballast if possible or lay on additional derrick counterweight if possible.	A422		B	
235124	ZE 2: operation winch 2 Shut-down measuring point 1 < F min and count. utilisation > 50% Operation conditional switch off, may not be shunted Lower load or set down derrick counterweight if possible or wind off luffing gear if possible.	A422		B	
235125	ZE 2: operation winch 2 Shut-down measuring point 1 < F min and count. utilisation > 90% Operation conditional switch off, may not be shunted Set down derrick counterweight on ground, if not possible unload derrick counterweight, until forces in desired range	A422		B	
235126	ZE 2: operation winch 2 Shut-down upper limit angle derrick OGWD operational shut down Operate derrick boom in operating position - shut-down may be shunted (danger).	A422		B	
235127	ZE 2: operation winch 2 Shut-down lower limit angle derrick UGWD operational shut down Operate derrick boom in operating position - shut-down may be shunted (danger).	A422		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
235129	ZE 2: operation winch 2 winch blocked (C-key monitor) Operation conditional switch off, may not be shunted Authorise winch 2 in control diagram.	A422		B	
235130	ZE 2: operation winch 2 master switch 1 defective/missing operational shut down Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A422		B	
235131	ZE 2: operation winch 2 master switch 2 defective/missing operational shut down Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A422		B	
235133	ZE 2: operation winch 2 Shut-down parallel op. differential path between winches too great Operation conditional switch off, may not be shunted Operate load hook in single operation winches 1 and 2 horizontally and set winches 1 and 2 in parallel operation.	A422		B	
235137	ZE 2: operation winch 2 Winch rotational sensor faulty / missing Operation conditional switch off, may not be shunted Check: -sensor for function, cables for interruption or short circuit	A422		B	
235139	ZE 2: operation winch 2 seat contact shut-down operational shut down Sit down or actuate one of the shunting switches for the seat contact in the master switches.	A422		B	
23513E	ZE 2: operation winch 2 Shut off master switch zero position forced operational shut down Bring the master switch to neutral pos. and then deflect the desired movement again	A422		B	
235144	ZE 2: operation winch 2 Shut-off crane engine not running Output of error, crane function is not selected. Should crane function be required, start engine and re-actuate master switch.	A422		B	
235150	ZE 2: operation winch 2 end of stroke switch shut-down 1 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A422		B	
235151	ZE 2: operation winch 2 end of stroke switch shut-down 2 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A422		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
235152	ZE 2: operation winch 2 end of stroke switch shut-down 3 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A422		B	
235157	ZE 2: operation winch 2 Shut-down press. SA-frame overtop guard cylinder < minimal press. Operation conditional switch off, may not be shunted Check pressure supply Relapse cylinders SA-frame	A422		B	
23515A	ZE 2: operation winch 2 Shut off Hoist limit switch 3 / 4 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A422		B	
235162	ZE 2: operation winch 2 Emerg. shut-off winch-winch rotational sensor interrupts brake control Emergency shut-down - raising / lowering winch only possible in emergency operation Check why "Winch wound out" shut-off did not function, lifting/lowering only possible with emergency operation (danger)	A422		B	
235163	ZE 2: operation winch 2 Crane engine in overspeed Operation conditional switch off, may not be shunted Check engine RPM shut off cannot be bypassed	A422		B	
235164	ZE 2: operation winch 2 Release pressure of brake fallen below Operation conditional switch off, may not be shunted Check release pressure of brake - shut off not bridgeable	A422		B	
235166	ZE 2: operation winch 2 Shut off pressure sensor "RFP main boom" defective / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A422		B	
235167	ZE 2: operation winch 2 Shut off pressure sensor "RFP Derrick" defective / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A422		B	
23517A	ZE 2: operation winch 2 Shut off Radio assembly BTT-E Main boom angle exceeded	A422		B	
23517C	ZE 2: operation winch 2 Shut off Radio assembly BTT-E Accessory angle exceeded	A422		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
235181	ZE 2: operation winch 2 end of stroke switch 1 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A422		B	
235182	ZE 2: operation winch 2 end of stroke switch 2 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A422		B	
235183	ZE 2: operation winch 2 end of stroke switch 3 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A422		B	
23518B	ZE 2: operation winch 2 Shut off Hoist limit switch 3 / 4 erroneous operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A422		B	
23519A	ZE 2: operation winch 2 Shut off Pressure relapse cyl. Main boom less than min. pressure Operation conditional switch off, may not be shunted Check pressure supply Relapse cylinders main boom	A422		B	
23519B	ZE 2: operation winch 2 Shut off Pressure relapse cyl. Derrick less than min. pressure Operation conditional switch off, may not be shunted Check pressure supply Relapse cylinders Derrick	A422		B	
2351B3	ZE 2: operation winch 2 Shut off Test point 1 < F min and upper limit angle Derrick OGWD operational shut down If possible, move derrick boom in op. position, for that assembly - winch 4 can be lowered	A422			
2351B5	ZE 2: operation winch 2 Master switch right BTTE erroneous/missing operational shut down Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A422		B	
236942	ZE 2: Operation crane control Emergency op. crane cont. switched on with start test-safety chain report of error, otherwise no reaction Switch off emergency operation, restart LICCON, test safety chain will then be carried out	A422		E	1
236943	ZE 2: Operation crane control Emergency op. crane control switched on during test-safety chain report of error, otherwise no reaction Switch off emergency operation, restart LICCON, test safety chain will then be carried out	A422		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
287252	E/A-Modul 2: Control data transfer LSB-B has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A12.X3:4/6		E	0
287255	E/A-Modul 2: Control data transfer LSB-B Bus connection faulty/defect, short circuit to supply voltage entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A12.X3:4/6		E	2
287256	E/A-Modul 2: Control data transfer LSB-B Bus connection faulty/defect, no supply/short circuit to earth entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A12.X3:4/6		E	2
287257	E/A-Modul 2: Control data transfer LSB-B has recognised network re-set (data transfer starts again) entry in error memory, driver re-starts and runs re-booting of network check bus lines, withdraw sensors successively from bus until malfunction source recognised, replace defective part	A12.X3:4/6		E	1
287258	E/A-Modul 2: Control data transfer LSB-B recognised participant with incorrect baud rate in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated from system itself, check address assignment of sensors	A12.X3:4/6		E	0
287259	E/A-Modul 2: Control data transfer LSB-B recognised communication breakdown in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated by driver through re-booting of network	A12.X3:4/6		E	0
287260	E/A-Modul 2: Control data transfer LSB-B driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant with temporary malfunctions error will be eliminated by system itself, with incorrect configuration install new software	A12.X3:4/6		E	2
287261	E/A-Modul 2: Control data transfer LSB-B driver error: undefined message appears entry in error memory, driver re-starts and runs re-booting of network with temporary malf. error will be eliminated by system itself otherwise new Software necessary for error elimination	A12.X3:4/6		E	2
287262	E/A-Modul 2: Control data transfer LSB-B Driver error: Initialization error entry in error memory, driver re-starts and runs re-booting of network new Software is necessary for error elimination	A12.X3:4/6		E	2
300001	ZE 3: system error OS-HC11 (observe parameters) initialising error processor-register erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A423		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
300002	ZE 3: system error OS-HC11 (observe parameters) initialising error test total in EPROM/FLASH erroneous no crane operation possible check program memory card or ZE	A423		E	2
300006	ZE 3: system error OS-HC11 (observe parameters) initialising error RAM erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A423		E	2
300007	ZE 3: system error OS-HC11 (observe parameters) UART erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A423		E	2
300010	ZE 3: system error OS-HC11 (observe parameters) system routine inaccessible entry in error memory, all crane movements will be stopped	A423		E	2
300011	ZE 3: system error OS-HC11 (observe parameters) ZE-watchdog expired entry in error memory, all crane movements will be stopped check ZE	A423		E	2
300012	ZE 3: system error OS-HC11 (observe parameters) type-identification in EPROM erroneous entry in error memory, no crane operation possible check program memory card	A423		E	2
300013	ZE 3: system error OS-HC11 (observe parameters) Test sum in FLASH erroneous entry in error memory, all crane movements will be stopped check program memory card	A423		E	2
300014	ZE 3: system error OS-HC11 (observe parameters) program already running entry in error memory, all crane movements will be stopped	A423		E	2
300015	ZE 3: system error OS-HC11 (observe parameters) program not available entry in error memory, all crane movements will be stopped	A423		E	2
300016	ZE 3: system error OS-HC11 (observe parameters) system-, driver-watchdog expired entry in error memory, all crane movements will be stopped	A423		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
300017	ZE 3: system error OS-HC11 (observe parameters) total of CPU-time distribution too great entry in error memory, all crane movements will be stopped	A423		E	2
300018	ZE 3: system error OS-HC11 (observe parameters) arithmetic overflow (16 Bit) entry in error memory, all crane movements will be stopped	A423		E	2
300019	ZE 3: system error OS-HC11 (observe parameters) division through zero (16 Bit) entry in error memory, all crane movements will be stopped	A423		E	2
300020	ZE 3: system error OS-HC11 (observe parameters) task-watchdog expired entry in error memory, all crane movements will be stopped	A423		E	2
300021	ZE 3: system error OS-HC11 (observe parameters) illegal opcode trap entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A423		E	2
300022	ZE 3: system error OS-HC11 (observe parameters) task inactive entry in error memory, all crane movements will be stopped	A423		E	2
300023	ZE 3: system error OS-HC11 (observe parameters) program incapable of running (type identification) entry in error memory, all crane movements will be stopped	A423		E	2
300024	ZE 3: system error OS-HC11 (observe parameters) task already used entry in error memory, all crane movements will be stopped	A423		E	2
300025	ZE 3: system error OS-HC11 (observe parameters) realtime-module already used entry in error memory, all crane movements will be stopped	A423		E	2
300026	ZE 3: system error OS-HC11 (observe parameters) regulator-module already used entry in error memory, all crane movements will be stopped	A423		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
300030	ZE 3: system error OS-HC11 (observe parameters) unacceptable bank address entry in error memory, all crane movements will be stopped	A423		E	2
300041	ZE 3: system error OS-HC11 (observe parameters) arithmetic error entry in error memory, all crane movements will be stopped	A423		E	2
300044	ZE 3: system error OS-HC11 (observe parameters) output parameter without effect, from inactive output entry in error memory, all crane movements will be stopped	A423		E	2
300045	ZE 3: system error OS-HC11 (observe parameters) entry parameter undefined, from inactive input entry in error memory, all crane movements will be stopped	A423		E	2
300046	ZE 3: system error OS-HC11 (observe parameters) impermissible regulator parameter entry in error memory, all crane movements will be stopped	A423		E	2
300047	ZE 3: system error OS-HC11 (observe parameters) realtime-control block not available entry in error memory, all crane movements will be stopped	A423		E	2
300048	ZE 3: system error OS-HC11 (observe parameters) realtime-control block inactive entry in error memory, all crane movements will be stopped	A423		E	2
300049	ZE 3: system error OS-HC11 (observe parameters) urgent modul, ZE not available entry in error memory, no crane operation possible check ZE	A423		E	2
300050	ZE 3: system error OS-HC11 (observe parameters) file not available entry in error memory, all crane movements will be stopped	A423		E	2
300051	ZE 3: system error OS-HC11 (observe parameters) file already opened entry in error memory, all crane movements will be stopped	A423		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
300052	ZE 3: system error OS-HC11 (observe parameters) file not open on close entry in error memory, all crane movements will be stopped	A423		E	2
300053	ZE 3: system error OS-HC11 (observe parameters) system mask not available entry in error memory, all crane movements will be stopped	A423		E	2
300054	ZE 3: system error OS-HC11 (observe parameters) system text not available entry in error memory, all crane movements will be stopped	A423		E	2
300055	ZE 3: system error OS-HC11 (observe parameters) symbol not available entry in error memory, all crane movements will be stopped	A423		E	2
300056	ZE 3: system error OS-HC11 (observe parameters) invalid mark in symbol entry in error memory, all crane movements will be stopped	A423		E	2
300057	ZE 3: system error OS-HC11 (observe parameters) default load chart missing entry in error memory, all crane movements will be stopped	A423		E	2
300058	ZE 3: system error OS-HC11 (observe parameters) amplifier erroneous or return power feed entry in error memory, all crane movements will be stopped check wiring	A423		E	2
300059	ZE 3: system error OS-HC11 (observe parameters) subroutine not reentrant entry in error memory, all crane movements will be stopped	A423		E	2
300060	ZE 3: system error OS-HC11 (observe parameters) transmission error SCI entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A423		E	2
300061	ZE 3: system error OS-HC11 (observe parameters) SCI-BREAK entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A423		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
300062	ZE 3: system error OS-HC11 (observe parameters) SCI not connected entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A423		E	2
300063	ZE 3: system error OS-HC11 (observe parameters) monitor error in operation entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A423		E	2
300065	ZE 3: system error OS-HC11 (observe parameters) impermissible bus address entry in error memory, all crane movements will be stopped	A423		E	2
300066	ZE 3: system error OS-HC11 (observe parameters) ADC working outside the permissible tolerance entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A423		E	2
300067	ZE 3: system error OS-HC11 (observe parameters) arithmetic processor not available entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A423		E	2
300068	ZE 3: system error OS-HC11 (observe parameters) impermissible interrupt entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A423		E	2
300070	ZE 3: system error OS-HC11 (observe parameters) various structure versions entry in error memory, no crane operation possible	A423		E	2
300071	ZE 3: system error OS-HC11 (observe parameters) Structure file missing or faulty entry in error memory, no crane operation possible	A423		E	2
300072	ZE 3: system error OS-HC11 (observe parameters) structure entry senseless entry in error memory, no crane operation possible	A423		E	2
300073	ZE 3: system error OS-HC11 (observe parameters) interpreter error entry in error memory, all crane movements will be stopped	A423		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
300074	ZE 3: system error OS-HC11 (observe parameters) transformation ASCII to BIN erroneous entry in error memory, all crane movements will be stopped	A423		E	2
300075	ZE 3: system error OS-HC11 (observe parameters) SPI-error entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A423		E	2
300076	ZE 3: system error OS-HC11 (observe parameters) incorrectly inserted power unit entry in error memory, all crane movements will be stopped check memory card in power supply unit	A423		E	2
300077	ZE 3: system error OS-HC11 (observe parameters) BAF-call-up erroneous entry in error memory, all crane movements will be stopped	A423		E	2
300078	ZE 3: system error OS-HC11 (observe parameters) impermissible parameter entry in error memory, all crane movements will be stopped	A423		E	2
300079	ZE 3: system error OS-HC11 (observe parameters) no right of access entry in error memory, all crane movements will be stopped	A423		E	2
300080	ZE 3: system error OS-HC11 (observe parameters) Fatal internal error entry in error memory, all crane movements will be stopped	A423		E	2
300081	ZE 3: system error OS-HC11 (observe parameters) stack overflow entry in error memory, all crane movements will be stopped	A423		E	2
300082	ZE 3: system error OS-HC11 (observe parameters) hardware-watchdog erroneous entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A423		E	2
300094	ZE 3: system error OS-HC11 (observe parameters) transmission error parallel bus entry in error memory, all crane movements will be stopped check ZE, bus circuit board, power supply unit	A423		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
300095	ZE 3: system error OS-HC11 (observe parameters) DMA-error entry in error memory, all crane movements will be stopped check ZE, bus circuit board, power supply unit	A423		E	2
300099	ZE 3: system error OS-HC11 (observe parameters) DSP0 erroneous entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A423		E	2
302001	ZE 3: system error OS-TMS initialising error processor-register erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A423		E	2
302002	ZE 3: system error OS-TMS initialising error test total in EPROM/FLASH erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A423		E	2
302006	ZE 3: system error OS-TMS initialising error RAM erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A423		E	2
302007	ZE 3: system error OS-TMS UART erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A423		E	2
302020	ZE 3: system error OS-TMS task-watchdog expired entry of error in error memory, all crane movements will be stopped elimination only possible through after-sales service	A423		E	2
302021	ZE 3: system error OS-TMS illegal opcode trap entry of error in error memory, all crane movements will be stopped elimination only possible through after-sales service	A423		E	2
302082	ZE 3: system error OS-TMS hardware-watchdog erroneous entry of error in error memory, all crane movements will be stopped elimination only possible through after-sales service	A423		E	2
310012	ZE 3: output 0 short circuit to ground	A423.X1:16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
310013	ZE 3: output 0 open signal circuits	A423.X1:16		E	1
310014	ZE 3: output 0 short circuit to supply voltage	A423.X1:16		E	1
310054	ZE 3: output 0 short circuit to supply voltage	A423.X1:16		E	1
310058	ZE 3: output 0 positive switching transistor: disruption	A423.X1:16		E	1
310060	ZE 3: output 0 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A423.X1:16		E	1
310062	ZE 3: output 0 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A423.X1:16		E	1
310063	ZE 3: output 0 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A423.X1:16		E	1
310070	ZE 3: output 0 measuring system defect no crane operation possible entry in error list	A423.X1:16		E	1
310071	ZE 3: output 0 short circuit to ground or transistor defect	A423.X1:16		E	1
310072	ZE 3: output 0 outside source feeding	A423.X1:16		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
310073	ZE 3: output 0 open circuit or short circuit to supply voltage/ground	A423.X1:16		E	1
310112	ZE 3: output 1 short circuit to ground	A423.X1:17		E	1
310113	ZE 3: output 1 open signal circuits	A423.X1:17		E	1
310114	ZE 3: output 1 short circuit to supply voltage	A423.X1:17		E	1
310154	ZE 3: output 1 short circuit to supply voltage	A423.X1:17		E	1
310158	ZE 3: output 1 positive switching transistor: disruption	A423.X1:17		E	1
310160	ZE 3: output 1 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A423.X1:17		E	1
310162	ZE 3: output 1 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A423.X1:17		E	1
310163	ZE 3: output 1 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A423.X1:17		E	1
310170	ZE 3: output 1 measuring system defect no crane operation possible entry in error list	A423.X1:17		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
310171	ZE 3: output 1 short circuit to ground or transistor defect	A423.X1:17		E	1
310172	ZE 3: output 1 outside source feeding	A423.X1:17		E	1
310173	ZE 3: output 1 open circuit or short circuit to supply voltage/ground	A423.X1:17		E	1
310212	ZE 3: output 2 short circuit to ground	A423.X1:18		E	1
310213	ZE 3: output 2 open signal circuits	A423.X1:18		E	1
310214	ZE 3: output 2 short circuit to supply voltage	A423.X1:18		E	1
310254	ZE 3: output 2 short circuit to supply voltage	A423.X1:18		E	1
310258	ZE 3: output 2 positive switching transistor: disruption	A423.X1:18		E	1
310270	ZE 3: output 2 measuring system defect no crane operation possible entry in error list	A423.X1:18		E	1
310271	ZE 3: output 2 short circuit to ground or transistor defect	A423.X1:18		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
310272	ZE 3: output 2 outside source feeding	A423.X1:18		E	1
310273	ZE 3: output 2 open circuit or short circuit to supply voltage/ground	A423.X1:18		E	1
310312	ZE 3: output 3 short circuit to ground	A423.X1:19		E	1
310313	ZE 3: output 3 open signal circuits	A423.X1:19		E	1
310314	ZE 3: output 3 short circuit to supply voltage	A423.X1:19		E	1
310354	ZE 3: output 3 short circuit to supply voltage	A423.X1:19		E	1
310358	ZE 3: output 3 positive switching transistor: disruption	A423.X1:19		E	1
310360	ZE 3: output 3 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A423.X1:19		E	1
310362	ZE 3: output 3 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A423.X1:19		E	1
310363	ZE 3: output 3 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A423.X1:19		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
310370	ZE 3: output 3 measuring system defect no crane operation possible entry in error list	A423.X1:19		E	1
310371	ZE 3: output 3 short circuit to ground or transistor defect	A423.X1:19		E	1
310372	ZE 3: output 3 outside source feeding	A423.X1:19		E	1
310373	ZE 3: output 3 open circuit or short circuit to supply voltage/ground	A423.X1:19		E	1
310412	ZE 3: output 4 short circuit to ground	A423.X1:20		E	1
310413	ZE 3: output 4 open signal circuits	A423.X1:20		E	1
310414	ZE 3: output 4 short circuit to supply voltage	A423.X1:20		E	1
310454	ZE 3: output 4 short circuit to supply voltage	A423.X1:20		E	1
310458	ZE 3: output 4 positive switching transistor: disruption	A423.X1:20		E	1
310460	ZE 3: output 4 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A423.X1:20		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
310462	ZE 3: output 4 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A423.X1:20		E	1
310463	ZE 3: output 4 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A423.X1:20		E	1
310470	ZE 3: output 4 measuring system defect no crane operation possible entry in error list	A423.X1:20		E	1
310471	ZE 3: output 4 short circuit to ground or transistor defect	A423.X1:20		E	1
310472	ZE 3: output 4 outside source feeding	A423.X1:20		E	1
310473	ZE 3: output 4 open circuit or short circuit to supply voltage/ground	A423.X1:20		E	1
310512	ZE 3: output 5 short circuit to ground	A423.X1:21		E	1
310513	ZE 3: output 5 open signal circuits	A423.X1:21		E	1
310514	ZE 3: output 5 short circuit to supply voltage	A423.X1:21		E	1
310554	ZE 3: output 5 short circuit to supply voltage	A423.X1:21		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
310558	ZE 3: output 5 positive switching transistor: disruption	A423.X1:21		E	1
310560	ZE 3: output 5 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A423.X1:21		E	1
310562	ZE 3: output 5 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A423.X1:21		E	1
310563	ZE 3: output 5 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A423.X1:21		E	1
310570	ZE 3: output 5 measuring system defect no crane operation possible entry in error list	A423.X1:21		E	1
310571	ZE 3: output 5 short circuit to ground or transistor defect	A423.X1:21		E	1
310572	ZE 3: output 5 outside source feeding	A423.X1:21		E	1
310573	ZE 3: output 5 open circuit or short circuit to supply voltage/ground	A423.X1:21		E	1
310612	ZE 3: output 6 short circuit to ground	A423.X1:22		E	1
310613	ZE 3: output 6 open signal circuits	A423.X1:22		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
310614	ZE 3: output 6 short circuit to supply voltage	A423.X1:22		E	1
310654	ZE 3: output 6 short circuit to supply voltage	A423.X1:22		E	1
310658	ZE 3: output 6 positive switching transistor: disruption	A423.X1:22		E	1
310670	ZE 3: output 6 measuring system defect no crane operation possible entry in error list	A423.X1:22		E	1
310671	ZE 3: output 6 short circuit to ground or transistor defect	A423.X1:22		E	1
310672	ZE 3: output 6 outside source feeding	A423.X1:22		E	1
310673	ZE 3: output 6 open circuit or short circuit to supply voltage/ground	A423.X1:22		E	1
310712	ZE 3: output 7 short circuit to ground	A423.X1:23		E	1
310713	ZE 3: output 7 open signal circuits	A423.X1:23		E	1
310714	ZE 3: output 7 short circuit to supply voltage	A423.X1:23		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
310754	ZE 3: output 7 short circuit to supply voltage	A423.X1:23		E	1
310758	ZE 3: output 7 positive switching transistor: disruption	A423.X1:23		E	1
310760	ZE 3: output 7 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A423.X1:23		E	1
310762	ZE 3: output 7 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A423.X1:23		E	1
310763	ZE 3: output 7 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A423.X1:23		E	1
310770	ZE 3: output 7 measuring system defect no crane operation possible entry in error list	A423.X1:23		E	1
310771	ZE 3: output 7 short circuit to ground or transistor defect	A423.X1:23		E	1
310772	ZE 3: output 7 outside source feeding	A423.X1:23		E	1
310773	ZE 3: output 7 open circuit or short circuit to supply voltage/ground	A423.X1:23		E	1
314959	ZE 3: all output supply voltage missing	A423		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
315059	ZE 3: output group 0 supply voltage missing	A423.X1:12		E	1
315159	ZE 3: output group 1 supply voltage missing	A423.X1:24		E	1
315259	ZE 3: output group 2 supply voltage missing	A423		E	1
315359	ZE 3: output group 3 supply voltage missing	A423		E	1
320004	ZE 3: LSB participant address 0 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
320005	ZE 3: LSB participant address 0 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
320018	ZE 3: LSB participant address 0 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
320050	ZE 3: LSB participant address 0 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
320051	ZE 3: LSB participant address 0 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
320053	ZE 3: LSB participant address 0 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
320054	ZE 3: LSB participant address 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
320064	ZE 3: LSB participant address 0 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
320065	ZE 3: LSB participant address 0 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
320066	ZE 3: LSB participant address 0 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
320067	ZE 3: LSB participant address 0 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
320104	ZE 3: LSB participant address 1 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
320105	ZE 3: LSB participant address 1 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
320118	ZE 3: LSB participant address 1 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
320150	ZE 3: LSB participant address 1 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
320151	ZE 3: LSB participant address 1 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
320153	ZE 3: LSB participant address 1 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
320154	ZE 3: LSB participant address 1 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
320164	ZE 3: LSB participant address 1 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
320165	ZE 3: LSB participant address 1 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
320166	ZE 3: LSB participant address 1 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
320167	ZE 3: LSB participant address 1 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
320204	ZE 3: LSB participant address 2 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
320205	ZE 3: LSB participant address 2 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
320218	ZE 3: LSB participant address 2 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
320250	ZE 3: LSB participant address 2 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
320251	ZE 3: LSB participant address 2 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
320253	ZE 3: LSB participant address 2 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
320254	ZE 3: LSB participant address 2 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
320264	ZE 3: LSB participant address 2 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
320265	ZE 3: LSB participant address 2 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
320266	ZE 3: LSB participant address 2 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
320267	ZE 3: LSB participant address 2 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
320304	ZE 3: LSB participant address 3 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
320305	ZE 3: LSB participant address 3 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
320318	ZE 3: LSB participant address 3 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
320350	ZE 3: LSB participant address 3 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
320351	ZE 3: LSB participant address 3 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
320353	ZE 3: LSB participant address 3 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
320354	ZE 3: LSB participant address 3 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
320364	ZE 3: LSB participant address 3 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
320365	ZE 3: LSB participant address 3 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
320366	ZE 3: LSB participant address 3 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
320367	ZE 3: LSB participant address 3 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
320404	ZE 3: LSB participant address 4 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
320405	ZE 3: LSB participant address 4 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
320418	ZE 3: LSB participant address 4 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
320450	ZE 3: LSB participant address 4 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
320451	ZE 3: LSB participant address 4 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
320453	ZE 3: LSB participant address 4 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
320454	ZE 3: LSB participant address 4 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
320464	ZE 3: LSB participant address 4 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
320465	ZE 3: LSB participant address 4 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
320466	ZE 3: LSB participant address 4 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
320467	ZE 3: LSB participant address 4 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
320504	ZE 3: LSB participant address 5 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
320505	ZE 3: LSB participant address 5 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
320518	ZE 3: LSB participant address 5 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
320550	ZE 3: LSB participant address 5 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
320551	ZE 3: LSB participant address 5 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
320553	ZE 3: LSB participant address 5 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
320554	ZE 3: LSB participant address 5 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
320564	ZE 3: LSB participant address 5 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
320565	ZE 3: LSB participant address 5 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
320566	ZE 3: LSB participant address 5 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
320567	ZE 3: LSB participant address 5 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
320604	ZE 3: LSB participant address 6 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
320605	ZE 3: LSB participant address 6 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
320618	ZE 3: LSB participant address 6 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
320650	ZE 3: LSB participant address 6 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
320651	ZE 3: LSB participant address 6 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
320653	ZE 3: LSB participant address 6 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
320654	ZE 3: LSB participant address 6 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
320664	ZE 3: LSB participant address 6 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
320665	ZE 3: LSB participant address 6 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
320666	ZE 3: LSB participant address 6 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
320667	ZE 3: LSB participant address 6 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
320704	ZE 3: LSB participant address 7 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
320705	ZE 3: LSB participant address 7 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
320718	ZE 3: LSB participant address 7 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
320750	ZE 3: LSB participant address 7 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
320751	ZE 3: LSB participant address 7 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
320753	ZE 3: LSB participant address 7 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
320754	ZE 3: LSB participant address 7 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
320764	ZE 3: LSB participant address 7 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
320765	ZE 3: LSB participant address 7 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
320766	ZE 3: LSB participant address 7 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
320767	ZE 3: LSB participant address 7 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
320804	ZE 3: LSB participant address 8 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
320805	ZE 3: LSB participant address 8 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
320818	ZE 3: LSB participant address 8 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
320850	ZE 3: LSB participant address 8 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
320851	ZE 3: LSB participant address 8 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
320853	ZE 3: LSB participant address 8 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
320854	ZE 3: LSB participant address 8 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
320864	ZE 3: LSB participant address 8 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
320865	ZE 3: LSB participant address 8 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
320866	ZE 3: LSB participant address 8 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
320867	ZE 3: LSB participant address 8 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
320904	ZE 3: LSB participant address 9 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
320905	ZE 3: LSB participant address 9 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
320918	ZE 3: LSB participant address 9 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
320950	ZE 3: LSB participant address 9 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
320951	ZE 3: LSB participant address 9 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
320953	ZE 3: LSB participant address 9 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
320954	ZE 3: LSB participant address 9 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
320964	ZE 3: LSB participant address 9 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
320965	ZE 3: LSB participant address 9 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
320966	ZE 3: LSB participant address 9 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
320967	ZE 3: LSB participant address 9 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
321004	ZE 3: LSB participant address 10 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
321005	ZE 3: LSB participant address 10 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
321018	ZE 3: LSB participant address 10 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
321050	ZE 3: LSB participant address 10 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
321051	ZE 3: LSB participant address 10 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
321053	ZE 3: LSB participant address 10 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
321054	ZE 3: LSB participant address 10 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
321064	ZE 3: LSB participant address 10 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
321065	ZE 3: LSB participant address 10 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
321066	ZE 3: LSB participant address 10 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
321067	ZE 3: LSB participant address 10 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
321104	ZE 3: LSB participant address 11 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
321105	ZE 3: LSB participant address 11 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
321118	ZE 3: LSB participant address 11 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
321150	ZE 3: LSB participant address 11 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
321151	ZE 3: LSB participant address 11 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
321153	ZE 3: LSB participant address 11 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
321154	ZE 3: LSB participant address 11 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
321164	ZE 3: LSB participant address 11 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
321165	ZE 3: LSB participant address 11 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
321166	ZE 3: LSB participant address 11 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
321167	ZE 3: LSB participant address 11 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
321204	ZE 3: LSB participant address 12 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
321205	ZE 3: LSB participant address 12 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
321218	ZE 3: LSB participant address 12 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
321250	ZE 3: LSB participant address 12 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
321251	ZE 3: LSB participant address 12 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
321253	ZE 3: LSB participant address 12 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
321254	ZE 3: LSB participant address 12 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
321264	ZE 3: LSB participant address 12 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
321265	ZE 3: LSB participant address 12 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
321266	ZE 3: LSB participant address 12 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
321267	ZE 3: LSB participant address 12 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
321304	ZE 3: LSB participant address 13 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
321305	ZE 3: LSB participant address 13 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
321318	ZE 3: LSB participant address 13 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
321350	ZE 3: LSB participant address 13 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
321351	ZE 3: LSB participant address 13 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
321353	ZE 3: LSB participant address 13 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
321354	ZE 3: LSB participant address 13 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
321364	ZE 3: LSB participant address 13 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
321365	ZE 3: LSB participant address 13 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
321366	ZE 3: LSB participant address 13 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
321367	ZE 3: LSB participant address 13 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
321404	ZE 3: LSB participant address 14 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
321405	ZE 3: LSB participant address 14 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
321418	ZE 3: LSB participant address 14 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
321450	ZE 3: LSB participant address 14 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
321451	ZE 3: LSB participant address 14 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
321453	ZE 3: LSB participant address 14 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
321454	ZE 3: LSB participant address 14 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
321464	ZE 3: LSB participant address 14 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
321465	ZE 3: LSB participant address 14 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
321466	ZE 3: LSB participant address 14 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
321467	ZE 3: LSB participant address 14 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
321504	ZE 3: LSB participant address 15 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
321505	ZE 3: LSB participant address 15 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
321518	ZE 3: LSB participant address 15 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
321550	ZE 3: LSB participant address 15 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
321551	ZE 3: LSB participant address 15 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
321553	ZE 3: LSB participant address 15 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
321554	ZE 3: LSB participant address 15 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
321564	ZE 3: LSB participant address 15 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
321565	ZE 3: LSB participant address 15 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
321566	ZE 3: LSB participant address 15 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
321567	ZE 3: LSB participant address 15 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
321604	ZE 3: LSB participant address 16 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
321605	ZE 3: LSB participant address 16 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
321618	ZE 3: LSB participant address 16 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
321650	ZE 3: LSB participant address 16 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
321651	ZE 3: LSB participant address 16 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
321653	ZE 3: LSB participant address 16 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
321654	ZE 3: LSB participant address 16 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
321664	ZE 3: LSB participant address 16 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
321665	ZE 3: LSB participant address 16 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
321666	ZE 3: LSB participant address 16 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
321667	ZE 3: LSB participant address 16 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
321704	ZE 3: LSB participant address 17 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
321705	ZE 3: LSB participant address 17 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
321718	ZE 3: LSB participant address 17 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
321750	ZE 3: LSB participant address 17 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
321751	ZE 3: LSB participant address 17 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
321753	ZE 3: LSB participant address 17 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
321754	ZE 3: LSB participant address 17 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
321764	ZE 3: LSB participant address 17 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
321765	ZE 3: LSB participant address 17 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
321766	ZE 3: LSB participant address 17 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
321767	ZE 3: LSB participant address 17 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
321804	ZE 3: LSB participant address 18 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
321805	ZE 3: LSB participant address 18 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
321818	ZE 3: LSB participant address 18 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
321850	ZE 3: LSB participant address 18 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
321851	ZE 3: LSB participant address 18 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
321853	ZE 3: LSB participant address 18 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
321854	ZE 3: LSB participant address 18 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
321864	ZE 3: LSB participant address 18 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
321865	ZE 3: LSB participant address 18 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
321866	ZE 3: LSB participant address 18 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
321867	ZE 3: LSB participant address 18 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
321904	ZE 3: LSB participant address 19 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
321905	ZE 3: LSB participant address 19 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
321918	ZE 3: LSB participant address 19 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
321950	ZE 3: LSB participant address 19 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
321951	ZE 3: LSB participant address 19 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
321953	ZE 3: LSB participant address 19 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
321954	ZE 3: LSB participant address 19 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
321964	ZE 3: LSB participant address 19 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
321965	ZE 3: LSB participant address 19 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
321966	ZE 3: LSB participant address 19 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
321967	ZE 3: LSB participant address 19 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
322004	ZE 3: LSB participant address 20 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
322005	ZE 3: LSB participant address 20 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
322018	ZE 3: LSB participant address 20 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
322050	ZE 3: LSB participant address 20 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
322051	ZE 3: LSB participant address 20 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
322053	ZE 3: LSB participant address 20 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
322054	ZE 3: LSB participant address 20 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
322064	ZE 3: LSB participant address 20 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
322065	ZE 3: LSB participant address 20 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
322066	ZE 3: LSB participant address 20 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
322067	ZE 3: LSB participant address 20 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
322104	ZE 3: LSB participant address 21 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
322105	ZE 3: LSB participant address 21 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
322118	ZE 3: LSB participant address 21 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
322150	ZE 3: LSB participant address 21 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
322151	ZE 3: LSB participant address 21 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
322153	ZE 3: LSB participant address 21 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
322154	ZE 3: LSB participant address 21 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
322164	ZE 3: LSB participant address 21 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
322165	ZE 3: LSB participant address 21 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
322166	ZE 3: LSB participant address 21 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
322167	ZE 3: LSB participant address 21 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
322204	ZE 3: LSB participant address 22 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
322205	ZE 3: LSB participant address 22 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
322218	ZE 3: LSB participant address 22 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
322250	ZE 3: LSB participant address 22 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
322251	ZE 3: LSB participant address 22 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
322253	ZE 3: LSB participant address 22 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
322254	ZE 3: LSB participant address 22 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
322264	ZE 3: LSB participant address 22 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
322265	ZE 3: LSB participant address 22 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
322266	ZE 3: LSB participant address 22 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
322267	ZE 3: LSB participant address 22 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
322304	ZE 3: LSB participant address 23 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
322305	ZE 3: LSB participant address 23 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
322318	ZE 3: LSB participant address 23 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
322350	ZE 3: LSB participant address 23 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
322351	ZE 3: LSB participant address 23 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
322353	ZE 3: LSB participant address 23 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
322354	ZE 3: LSB participant address 23 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
322364	ZE 3: LSB participant address 23 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
322365	ZE 3: LSB participant address 23 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
322366	ZE 3: LSB participant address 23 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
322367	ZE 3: LSB participant address 23 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
322404	ZE 3: LSB participant address 24 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
322405	ZE 3: LSB participant address 24 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
322418	ZE 3: LSB participant address 24 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
322450	ZE 3: LSB participant address 24 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
322451	ZE 3: LSB participant address 24 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
322453	ZE 3: LSB participant address 24 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
322454	ZE 3: LSB participant address 24 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
322464	ZE 3: LSB participant address 24 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
322465	ZE 3: LSB participant address 24 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
322466	ZE 3: LSB participant address 24 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
322467	ZE 3: LSB participant address 24 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
322504	ZE 3: LSB participant address 25 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
322505	ZE 3: LSB participant address 25 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
322518	ZE 3: LSB participant address 25 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
322550	ZE 3: LSB participant address 25 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
322551	ZE 3: LSB participant address 25 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
322553	ZE 3: LSB participant address 25 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
322554	ZE 3: LSB participant address 25 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
322564	ZE 3: LSB participant address 25 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
322565	ZE 3: LSB participant address 25 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
322566	ZE 3: LSB participant address 25 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
322567	ZE 3: LSB participant address 25 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
322604	ZE 3: LSB participant address 26 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
322605	ZE 3: LSB participant address 26 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
322618	ZE 3: LSB participant address 26 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
322650	ZE 3: LSB participant address 26 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
322651	ZE 3: LSB participant address 26 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
322653	ZE 3: LSB participant address 26 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
322654	ZE 3: LSB participant address 26 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
322664	ZE 3: LSB participant address 26 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
322665	ZE 3: LSB participant address 26 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
322666	ZE 3: LSB participant address 26 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
322667	ZE 3: LSB participant address 26 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
322704	ZE 3: LSB participant address 27 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
322705	ZE 3: LSB participant address 27 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
322718	ZE 3: LSB participant address 27 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
322750	ZE 3: LSB participant address 27 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
322751	ZE 3: LSB participant address 27 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
322753	ZE 3: LSB participant address 27 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
322754	ZE 3: LSB participant address 27 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
322764	ZE 3: LSB participant address 27 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
322765	ZE 3: LSB participant address 27 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
322766	ZE 3: LSB participant address 27 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
322767	ZE 3: LSB participant address 27 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
322804	ZE 3: LSB participant address 28 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
322805	ZE 3: LSB participant address 28 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
322818	ZE 3: LSB participant address 28 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
322850	ZE 3: LSB participant address 28 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
322851	ZE 3: LSB participant address 28 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
322853	ZE 3: LSB participant address 28 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
322854	ZE 3: LSB participant address 28 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
322864	ZE 3: LSB participant address 28 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
322865	ZE 3: LSB participant address 28 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
322866	ZE 3: LSB participant address 28 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
322867	ZE 3: LSB participant address 28 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
322904	ZE 3: LSB participant address 29 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
322905	ZE 3: LSB participant address 29 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
322918	ZE 3: LSB participant address 29 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
322950	ZE 3: LSB participant address 29 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
322951	ZE 3: LSB participant address 29 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
322953	ZE 3: LSB participant address 29 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1
322954	ZE 3: LSB participant address 29 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
322964	ZE 3: LSB participant address 29 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
322965	ZE 3: LSB participant address 29 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
322966	ZE 3: LSB participant address 29 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
322967	ZE 3: LSB participant address 29 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
323004	ZE 3: LSB participant address 30 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A423.X2:z14/z16		E	1
323005	ZE 3: LSB participant address 30 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A423.X2:z14/z16		E	1
323018	ZE 3: LSB participant address 30 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A423.X2:z14/z16		E	0
323050	ZE 3: LSB participant address 30 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A423.X2:z14/z16		E	2
323051	ZE 3: LSB participant address 30 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A423.X2:z14/z16		E	2
323053	ZE 3: LSB participant address 30 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A423.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
323054	ZE 3: LSB participant address 30 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A423.X2:z14/z16		E	2
323064	ZE 3: LSB participant address 30 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A423.X2:z14/z16		E	1
323065	ZE 3: LSB participant address 30 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A423.X2:z14/z16		E	2
323066	ZE 3: LSB participant address 30 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A423.X2:z14/z16		E	2
323067	ZE 3: LSB participant address 30 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A423.X2:z14/z16		E	1
323252	ZE 3: Control data transfer LSB has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A423.X2:z14/z16		E	0
323255	ZE 3: Control data transfer LSB Bus connection faulty/defect, short circuit to supply voltage entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A423.X2:z14/z16		E	2
323256	ZE 3: Control data transfer LSB Bus connection faulty/defect, no supply/short circuit to earth entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A423.X2:z14/z16		E	2
323257	ZE 3: Control data transfer LSB has recognised network re-set (data transfer starts again) entry in error memory, driver re-starts and runs re-booting of network check bus lines, withdraw sensors successively from bus until malfunction source recognised, replace defective part	A423.X2:z14/z16		E	1
323258	ZE 3: Control data transfer LSB recognised participant with incorrect baud rate in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated from system itself, check address assignment of sensors	A423.X2:z14/z16		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
323259	ZE 3: Control data transfer LSB recognised communication breakdown in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated by driver through re-booting of network	A423.X2:z14/z16		E	0
323260	ZE 3: Control data transfer LSB driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant with temporary malfunctions error will be eliminated by system itself, with incorrect configuration install new software	A423.X2:z14/z16		E	2
323261	ZE 3: Control data transfer LSB driver error: undefined message appears entry in error memory, driver re-starts and runs re-booting of network with temporary malfunc. error will be eliminated by system itself otherwise new Software necessary for error elimination	A423.X2:z14/z16		E	2
323262	ZE 3: Control data transfer LSB Driver error: Initialization error entry in error memory, driver re-starts and runs re-booting of network new Software is necessary for error elimination	A423.X2:z14/z16		E	2
332200	ZE 3: control winch 3 no slewing movement recognized on actuated winch output of error check LICCON output, lines for short or break, incremental sensor on function, hoisting gear brake	A423		E	1
332202	ZE 3: control winch 3 hydraulic circuit pressure sensor defective/missing if valid winch torque for LMB is available this will be used, otherwise 0 bar is loaded into pressure value memory Observe system error for faulty or missing sensor.	A423		E	1
332203	ZE 3: control winch 3 Winch turn sensor, internal non-tolerable continuous error (P0=04H) Operation conditional switch off, may not be shunted in the LSB- sensor view of the test system: take over default values, otherwise replace sensor	A423		E	
332204	ZE 3: control winch 3 Winch turn sensor, internal non-tolerable continuous error (P0=08H/40H) Operation conditional switch off, may not be shunted replace sensor through new part	A423		E	
332205	ZE 3: control winch 3 Winch turn sensor, internal non-tolerable continuous error (P0=10H) Operation conditional switch off, may not be shunted Reload data on external EEPROM, otherwise replace external EEPROM	A423		E	
332206	ZE 3: control winch 3 Winch turn sensor, internal non-tolerable continuous error (P0=20H) Operation conditional switch off, may not be shunted Reload data on internal EEPROM, otherwise replace sensor	A423		E	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
332207	ZE 3: control winch 3 Winch turn sensor, internal, non-tolerable partial error Operation conditional switch off, may not be shunted replace sensor through new part	A423		E	
332208	ZE 3: control winch 3 Winch turn sensor, tolerable error(P0=01H), sensor not exact Output of error (resolution of sensor is bad) Replace sensor in the meantime	A423		E	
332209	ZE 3: control winch 3 Winch turn sensor, tolerable error(P0=02H), replace external EEPROM Output of error Replace sensor in the meantime	A423		E	
332210	ZE 3: control winch 3 Winch turn sensor, tolerable error (P0=04H) button pressed constantly Output of error, adjusting with button does not work Check button, replace sensor in the meantime, if necessary	A423		E	
332211	ZE 3: control winch 3 Winch turn sensor,tolerable error (P0=08H) pressure sensor1 not 4-20mA Output of error Check pressure sensor - Analog signal line to winch turn sensor, or replace this pressure sensor	A423		E	
332212	ZE 3: control winch 3 Winch turn sensor, tolerable error(P0=10H) pressure sensor2 not 4-20mA Output of error Check pressure sensor - Analog signal line to winch turn sensor, or replace this pressure sensor	A423		E	
332213	ZE 3: control winch 3 Winch turn sensor, tolerable error(P0=20H) Safety relay stuck Output of error, 2. shut off "Winch spooled out " does not work Replace sensor in the meantime	A423		E	
332214	ZE 3: control winch 3 Winch turn sensor, tolerable error(P0=40H) Output of error Replace sensor in the meantime	A423		E	
332215	ZE 3: control winch 3 tolerable error, maximum theoretical load collective reached Output of error Check winch	A423		E	
332217	ZE 3: control winch 3 Brake pressure exists and brake is not actuated output of error Check: - Outlet LICCON, -Line for short circuit after supply voltage, hydraulic control hoist gear brake	A423		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
332218	ZE 3: control winch 3 Pressure too high when pump is not actuated Output of error Check pump or pressure sensor	A423		E	
332227	ZE 3: control winch 3 Rotational speed too high, current nominal value exceeded error report Check initial current and end current of pump and control motor, adj. if nec. Check hydraulic (espe.	A423		E	1
33222D	ZE 3: control winch 3 Impermissible rotation movement in lowering direction Error message. Shut down winch by closing winch brake Broken drive shaft. Hydraulic short circuit between LIFT and LOWER conn. Motor. Hose breakage. Hydraulic	A423		E	1
33222F	ZE 3: control winch 3 Repl. Pr. Switch continuous actuation or short circuit after VCC output of error Check: - input LICCON, line for short circuit after supply voltage, pressure switch for function	A423		E	1
332241	ZE 3: control winch 3 Rotation movement against selected movement direction Error message. Shut down winch by closing winch brake Check actuation of crane pump. Check winch turn sensor (count direction), check winch turn sensor(Anba	A423		E	1
332242	ZE 3: control winch 3 Rotation movement at non-actuated winch brake error report Check winch brake. Check winch turn sensor(installation)	A423		E	1
332300	ZE 3: control winch 4 no slewing movement recognized on actuated winch output of error check LICCON output, lines for short or break, incremental sensor on function, hoisting gear brake	A423		E	1
332302	ZE 3: control winch 4 hydraulic circuit pressure sensor defective/missing if valid winch torque for LMB is available this will be used, otherwise 0 bar is loaded into pressure value memory Observe system error for faulty or missing sensor.	A423		E	1
332303	ZE 3: control winch 4 Winch turn sensor, internal non-tolerable continuous error (P0=04H) Operation conditional switch off, may not be shunted in the LSB- sensor view of the test system: take over default values, otherwise replace sensor	A423		E	
332304	ZE 3: control winch 4 Winch turn sensor, internal non-tolerable continuous error (P0=08H/40H) Operation conditional switch off, may not be shunted replace sensor through new part	A423		E	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
332305	ZE 3: control winch 4 Winch turn sensor, internal non-tolerable continuous error (P0=10H) Operation conditional switch off, may not be shunted Reload data on external EEPROM, otherwise replace external EEPROM	A423		E	
332306	ZE 3: control winch 4 Winch turn sensor, internal non-tolerable continuous error (P0=20H) Operation conditional switch off, may not be shunted Reload data on internal EEPROM, otherwise replace sensor	A423		E	
332307	ZE 3: control winch 4 Winch turn sensor, internal, non-tolerable partial error Operation conditional switch off, may not be shunted replace sensor through new part	A423		E	
332308	ZE 3: control winch 4 Winch turn sensor, tolerable error(P0=01H), sensor not exact Output of error (resolution of sensor is bad) Replace sensor in the meantime	A423		E	
332309	ZE 3: control winch 4 Winch turn sensor, tolerable error(P0=02H), replace external EEPROM Output of error Replace sensor in the meantime	A423		E	
332310	ZE 3: control winch 4 Winch turn sensor, tolerable error (P0=04H) button pressed constantly Output of error, adjusting with button does not work Check button, replace sensor in the meantime, if necessary	A423		E	
332311	ZE 3: control winch 4 Winch turn sensor, tolerable error (P0=08H) pressure sensor1 not 4-20mA Output of error Check pressure sensor - Analog signal line to winch turn sensor, or replace this pressure sensor	A423		E	
332312	ZE 3: control winch 4 Winch turn sensor, tolerable error(P0=10H) pressure sensor2 not 4-20mA Output of error Check pressure sensor - Analog signal line to winch turn sensor, or replace this pressure sensor	A423		E	
332313	ZE 3: control winch 4 Winch turn sensor, tolerable error(P0=20H) Safety relay stuck Output of error, 2. shut off "Winch spooled out " does not work Replace sensor in the meantime	A423		E	
332314	ZE 3: control winch 4 Winch turn sensor, tolerable error(P0=40H) Output of error Replace sensor in the meantime	A423		E	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
332315	ZE 3: control winch 4 tolerable error, maximum theoretical load collective reached Output of error Check winch	A423		E	
332317	ZE 3: control winch 4 Brake pressure exists and brake is not actuated output of error Check: - Outlet LICCON, -Line for short circuit after supply voltage, hydraulic control hoist gear brake	A423		E	1
332318	ZE 3: control winch 4 Pressure too high when pump is not actuated Output of error Check pump or pressure sensor	A423		E	
332327	ZE 3: control winch 4 Rotational speed too high, current nominal value exceeded error report Check initial current and end current of pump and control motor, adj. if nec. Check hydraulic (espe.	A423		E	1
33232D	ZE 3: control winch 4 Impermissible rotation movement in lowering direction Error message. Shut down winch by closing winch brake Broken drive shaft. Hydraulic short circuit between LIFT and LOWER conn. Motor. Hose breakage. Hydraulic	A423		E	1
33232F	ZE 3: control winch 4 Repl. Pr. Switch continuous actuation or short circuit after VCC output of error Check: - input LICCON, line for short circuit after supply voltage, pressure switch for function	A423		E	1
332341	ZE 3: control winch 4 Rotation movement against selected movement direction Error message. Shut down winch by closing winch brake Check actuation of crane pump. Check winch turn sensor (count direction), check winch turn sensor(Anba	A423		E	1
332342	ZE 3: control winch 4 Rotation movement at non-actuated winch brake error report Check winch brake. Check winch turn sensor(installation)	A423		E	1
335200	ZE 3: operation winch 3 Shut off pressure sensor "RFP SA-bracket" defective / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335201	ZE 3: operation winch 3 feed pressure supply missing/too low Operation conditional switch off, may not be shunted Reestablish charge pressure supply - shut-down may not be shunted	A423		B	



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
335203	ZE 3: operation winch 3 Shut-down jib lower Operation conditional switch off, may not be shunted luff main boom down until limit switch is no longer activated - shut-down cannot be shunted	A423		B	
335204	ZE 3: operation winch 3 unreeled winch shut-down Operation conditional switch off, may not be shunted reel in winch until the "winch reeled out" switch is no longer actuated - shut-down cannot be shunted	A423		B	
335205	ZE 3: operation winch 3 reeled winch shut-down Operation conditional switch off, may not be shunted reel out winch until the "winch reeled in" switch is no longer actuated -shut-down cannot be shunted	A423		B	
335206	ZE 3: operation winch 3 upper angle limit OGW shut-down operational shut down reel winch out until the radius is within the load chart again - shut-down can be shunted (danger)	A423		B	
335207	ZE 3: operation winch 3 lower angle limit UGW shut-down operational shut down reel winch in until the radius is within the load chart again - shut-down can be shunted (danger)	A423		B	
335208	ZE 3: operation winch 3 luffing up main boom shut-down working area limitation ABB operational shut down reel winch out until crane in working area again - shunting through shutting down of working area limitation	A423		B	
335209	ZE 3: operation winch 3 luffing down main boom shut-down working area limitation ABB operational shut down reel winch in until crane in working area again - shunting through shutting down of working area limitation	A423		B	
33520D	ZE 3: operation winch 3 Shut off WA-Bock bottom Operation conditional switch off, may not be shunted reel winch in until limit switch is no longer actuated - shut-down cannot be shunted	A423		B	
335210	ZE 3: operation winch 3 fly jib upper stop shut-down Operation conditional switch off, may not be shunted luff main boom up until limit switch is no longer activated - shut-down cannot be shunted	A423		B	
335211	ZE 3: operation winch 3 fly jib upper flap shut-down Operation conditional switch off, may not be shunted luff main boom up until limit switch is no longer activated - shut-down cannot be shunted	A423		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
335213	ZE 3: operation winch 3 shut-down as flap not positioned and angle threshold exceeded Operation conditional switch off, may not be shunted check as to why the flap is not in position - shut-down cannot be shunted	A423		B	
335219	ZE 3: operation winch 3 no or invalid operation mode shut-down Operation conditional switch off, may not be shunted enter correct operation mode or dismantle accessory parts - shut-down cannot be shunted	A423		B	
335220	ZE 3: operation winch 3 LMB shut-down operational shut down Remedy cause of "LMB Stop" see error report LMB - shut-down may be shunted via assembly switch (danger).	A423		B	
335221	ZE 3: operation winch 3 Shut-down measuring point 1 > F max - operation operational shut down Lower load or raise derrick ballast if possible or lay on additional derrick counterweight if possible.	A423		B	
335222	ZE 3: operation winch 3 Shut-down measuring point 1 > F max - assembly Operation conditional switch off, may not be shunted Lower load or raise derrick ballast if possible or lay on additional derrick counterweight if possible.	A423		B	
335224	ZE 3: operation winch 3 Shut-down measuring point 1 < F min and count. utilisation > 50% Operation conditional switch off, may not be shunted Lower load or set down derrick counterweight if possible or wind off luffing gear if possible.	A423		B	
335226	ZE 3: operation winch 3 Shut-down upper limit angle derrick OGWD operational shut down Operate derrick boom in operating position - shut-down may be shunted (danger).	A423		B	
335227	ZE 3: operation winch 3 Shut-down lower limit angle derrick UGWD operational shut down Operate derrick boom in operating position - shut-down may be shunted (danger).	A423		B	
335228	ZE 3: operation winch 3 Shut-down upper limit angle main boom operational shut down Wind on winch until limit angle is fallen short of - shut-down may be shunted (danger).	A423		B	
335229	ZE 3: operation winch 3 winch blocked (C-key monitor) Operation conditional switch off, may not be shunted Authorise winch 3 in control diagram.	A423		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
335230	ZE 3: operation winch 3 master switch 1 defective/missing operational shut down Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A423		B	
335232	ZE 3: operation winch 3 master switch 3 defective/missing operational shut down Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A423		B	
335234	ZE 3: operation winch 3 Shut-down limit angle main boom - derrick Operation conditional switch off, may not be shunted Wind on winch until limit angle is fallen short of - shut-down may be shunted.	A423		B	
335237	ZE 3: operation winch 3 Winch rotational sensor faulty / missing Operation conditional switch off, may not be shunted Check: -sensor for function, cables for interruption or short circuit	A423		B	
335239	ZE 3: operation winch 3 seat contact shut-down operational shut down Sit down or actuate one of the shunting switches for the seat contact in the master switches.	A423		B	
33523E	ZE 3: operation winch 3 Shut off master switch zero position forced operational shut down Bring the master switch to neutral pos. and then deflect the desired movement again	A423		B	
335244	ZE 3: operation winch 3 Shut-off crane engine not running Output of error, crane function is not selected. Should crane function be required, start engine and re-actuate master switch.	A423		B	
335250	ZE 3: operation winch 3 end of stroke switch shut-down 1 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A423		B	
335251	ZE 3: operation winch 3 end of stroke switch shut-down 2 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A423		B	
335252	ZE 3: operation winch 3 end of stroke switch shut-down 3 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A423		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
335254	ZE 3: operation winch 3 Shut-down overtopping guard cylinder main boom in bump stop Operation conditional switch off, may not be shunted luff main boom down until limit switch is no longer activated - shut-down cannot be shunted	A423		B	
335257	ZE 3: operation winch 3 Shut-down press. SA-frame overtop guard cylinder < minimal press. Operation conditional switch off, may not be shunted Re-establish pressure supply SA-frame - luffing down of main boom possible.	A423		B	
33525A	ZE 3: operation winch 3 Shut off Hoist limit switch 3 / 4 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A423		B	
335262	ZE 3: operation winch 3 Emerg. shut-off winch-winch rotational sensor interrupts brake control Emergency shut-down - raising / lowering winch only possible in emergency operation Check why "Winch wound out" shut-off did not function, lifting/lowering only possible with emergency operation (danger)	A423		B	
335263	ZE 3: operation winch 3 Crane engine in overspeed Operation conditional switch off, may not be shunted Check engine RPM shut off cannot be bypassed	A423		B	
335264	ZE 3: operation winch 3 Release pressure of brake fallen below Operation conditional switch off, may not be shunted Check release pressure of brake - shut off not bridgeable	A423		B	
335266	ZE 3: operation winch 3 Shut off pressure sensor "RFP main boom" defective / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335267	ZE 3: operation winch 3 Shut off pressure sensor "RFP Derrick" defective / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
33526F	ZE 3: operation winch 3 Shut off both limit switches "WA-Bock bottom" incorrect / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335270	ZE 3: operation winch 3 shut-down both limit switches "flap in position" defect./missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
335272	ZE 3: operation winch 3 shut-down both angle sensors "fly jib" defective/missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335273	ZE 3: operation winch 3 shut-down both limit switches "lower fly jib" defective/missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335274	ZE 3: operation winch 3 shut-down both limit switches "upper fly jib flap" defect./missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335275	ZE 3: operation winch 3 shut-down both limit switches "upper fly jib stop"defect./missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
33527A	ZE 3: operation winch 3 Shut off Radio assembly BTT-E Main boom angle exceeded	A423		B	
33527B	ZE 3: operation winch 3 Shut off Radio assembly BTT-E Derrick angle exceeded	A423		B	
33527C	ZE 3: operation winch 3 Shut off Radio assembly BTT-E Accessory angle exceeded	A423		B	
335281	ZE 3: operation winch 3 end of stroke switch 1 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A423		B	
335282	ZE 3: operation winch 3 end of stroke switch 2 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A423		B	
335283	ZE 3: operation winch 3 end of stroke switch 3 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A423		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
335285	ZE 3: operation winch 3 Shut-down limit switch right "RFP main boom" faulty / not present Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335286	ZE 3: operation winch 3 Shut-down limit switch "RFP Main boom" links faulty / not present Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
33528B	ZE 3: operation winch 3 Shut off Hoist limit switch 3 / 4 erroneous operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A423		B	
335297	ZE 3: operation winch 3 Shut off pressure Relapse cyl. SA br. outside nom. range Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335298	ZE 3: operation winch 3 Shut off pressure Relapse cyl. main boom outside nom. range Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335299	ZE 3: operation winch 3 Shut off pressure Relapse cyl. derrick outside nom. range Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
33529A	ZE 3: operation winch 3 Shut off Pressure relapse cyl. Main boom less than min. pressure Operation conditional switch off, may not be shunted Check pressure supply Relapse cylinders main boom	A423		B	
33529B	ZE 3: operation winch 3 Shut off Pressure relapse cyl. Derrick less than min. pressure Operation conditional switch off, may not be shunted Check pressure supply Relapse cylinders Derrick	A423		B	
3352B3	ZE 3: operation winch 3 Shut off Test point 1 < F min and upper limit angle Derrick OGWD operational shut down If possible, move derrick boom in op. position, for that assembly - winch 4 can be lowered	A423			
3352B5	ZE 3: operation winch 3 Master switch right BTTE erroneous/missing operational shut down Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A423		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
335300	ZE 3: operation winch 4 Shut off pressure sensor "RFP SA-bracket" defective / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335301	ZE 3: operation winch 4 feed pressure supply missing/too low Operation conditional switch off, may not be shunted Reestablish charge pressure supply - shut-down may not be shunted	A423		B	
335303	ZE 3: operation winch 4 Shut-down jib lower Operation conditional switch off, may not be shunted luff main boom down until limit switch is no longer activated - shut-down cannot be shunted	A423		B	
335304	ZE 3: operation winch 4 unreeled winch shut-down Operation conditional switch off, may not be shunted reel in winch until the "winch reeled out" switch is no longer actuated - shut-down cannot be shunted	A423		B	
335305	ZE 3: operation winch 4 reeled winch shut-down Operation conditional switch off, may not be shunted reel out winch until the "winch reeled in" switch is no longer actuated -shut-down cannot be shunted	A423		B	
335306	ZE 3: operation winch 4 upper angle limit OGW shut-down operational shut down reel winch out until the radius is within the load chart again - shut-down can be shunted (danger)	A423		B	
335307	ZE 3: operation winch 4 lower angle limit UGW shut-down operational shut down reel winch in until the radius is within the load chart again - shut-down can be shunted (danger)	A423		B	
335308	ZE 3: operation winch 4 luffing up main boom shut-down working area limitation ABB operational shut down reel winch out until crane in working area again - shunting through shutting down of working area limitation	A423		B	
335309	ZE 3: operation winch 4 luffing down main boom shut-down working area limitation ABB operational shut down reel winch in until crane in working area again - shunting through shutting down of working area limitation	A423		B	
33530D	ZE 3: operation winch 4 Shut off WA-Bock bottom Operation conditional switch off, may not be shunted reel winch in until limit switch is no longer actuated - shut-down cannot be shunted	A423		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
335310	ZE 3: operation winch 4 fly jib upper stop shut-down Operation conditional switch off, may not be shunted luff main boom up until limit switch is no longer activated - shut-down cannot be shunted	A423		B	
335311	ZE 3: operation winch 4 fly jib upper flap shut-down Operation conditional switch off, may not be shunted luff main boom up until limit switch is no longer activated - shut-down cannot be shunted	A423		B	
335313	ZE 3: operation winch 4 shut-down as flap not positioned and angle threshold exceeded Operation conditional switch off, may not be shunted check as to why the flap is not in position - shut-down cannot be shunted	A423		B	
335318	ZE 3: operation winch 4 Shut-down measuring point 1 < F min operational shut down Lower load or set down derrick counterweight if possible or wind off luffing gear if possible.	A423		B	
335319	ZE 3: operation winch 4 no or invalid operation mode shut-down Operation conditional switch off, may not be shunted enter correct operation mode or dismantle accessory parts - shut-down cannot be shunted	A423		B	
335320	ZE 3: operation winch 4 LMB shut-down operational shut down Remedy cause of "LMB Stop" see error report LMB - shut-down may be shunted via assembly switch (danger).	A423		B	
335321	ZE 3: operation winch 4 Shut-down measuring point 1 > F max - operation operational shut down Lower load or raise derrick ballast if possible or lay on additional derrick counterweight if possible.	A423		B	
335322	ZE 3: operation winch 4 Shut-down measuring point 1 > F max - assembly Operation conditional switch off, may not be shunted Lower load or raise derrick ballast if possible or lay on additional derrick counterweight if possible.	A423		B	
335324	ZE 3: operation winch 4 Shut-down measuring point 1 < F min and count. utilisation > 50% Operation conditional switch off, may not be shunted Lower load or set down derrick counterweight if possible or wind off luffing gear if possible.	A423		B	
335325	ZE 3: operation winch 4 Shut-down measuring point 1 < F min and count. utilisation > 90% Operation conditional switch off, may not be shunted Set down derrick counterweight on ground, if not possible unload derrick counterweight, until forces in desired range	A423		B	



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
335326	ZE 3: operation winch 4 Shut-down upper limit angle derrick OGWD operational shut down Wind on winch until derrick boom is in operating position - shut-down may be shunted (danger).	A423		B	
335327	ZE 3: operation winch 4 Shut-down lower limit angle derrick UGWD operational shut down Wind off winch until derrick boom is in operating position - shut-down may be shunted (danger).	A423		B	
335328	ZE 3: operation winch 4 Shut-down upper limit angle main boom operational shut down Wind on winch until limit angle is fallen short of - shut-down may be shunted (danger).	A423		B	
335329	ZE 3: operation winch 4 winch blocked (C-key monitor) Operation conditional switch off, may not be shunted Authorise winch 4 in control diagram.	A423		B	
335330	ZE 3: operation winch 4 master switch 1 defective/missing operational shut down Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A423		B	
335332	ZE 3: operation winch 4 master switch 3 defective/missing operational shut down Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A423		B	
335337	ZE 3: operation winch 4 Winch rotational sensor faulty / missing Operation conditional switch off, may not be shunted Check: -sensor for function, cables for interruption or short circuit	A423		B	
335339	ZE 3: operation winch 4 seat contact shut-down operational shut down Sit down or actuate one of the shunting switches for the seat contact in the master switches.	A423		B	
33533E	ZE 3: operation winch 4 Shut off master switch zero position forced operational shut down Bring the master switch to neutral pos. and then deflect the desired movement again	A423		B	
335344	ZE 3: operation winch 4 Shut-off crane engine not running Output of error, crane function is not selected. Should crane function be required, start engine and re-actuate master switch.	A423		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
335350	ZE 3: operation winch 4 end of stroke switch shut-down 1 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A423		B	
335351	ZE 3: operation winch 4 end of stroke switch shut-down 2 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A423		B	
335352	ZE 3: operation winch 4 end of stroke switch shut-down 3 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A423		B	
335354	ZE 3: operation winch 4 Shut-down overtopping guard cylinder main boom in bump stop Operation conditional switch off, may not be shunted luff main boom down until limit switch is no longer activated - shut-down cannot be shunted	A423		B	
335355	ZE 3: operation winch 4 Shut-down overtopping guard cylinder derrick boom in bump stop Operation conditional switch off, may not be shunted Luff down derrick boom until limit switch no longer activated - Shut-down may not be shunted	A423		B	
335356	ZE 3: operation winch 4 Shut-down angle SA-frame < minimal angle Operation conditional switch off, may not be shunted luff main boom up until limit switch is no longer activated - shut-down cannot be shunted	A423		B	
335357	ZE 3: operation winch 4 Shut-down press. SA-frame overtop guard cylinder < minimal press. Operation conditional switch off, may not be shunted Re-establish pressure supply SA-frame - shut-down may not be shunted.	A423		B	
335358	ZE 3: operation winch 4 Shut-down guide frame - counterweight bump stop upper Operation conditional switch off, may not be shunted If possible, extend with ballast cylinder, spool up winch 4 or retract support BW move from block position	A423		B	
335359	ZE 3: operation winch 4 Shut-down guide frame - counterweight bump stop lower Operation conditional switch off, may not be shunted If possible, retract with ballast cylinder, spool out winch 4 or extend support BW move from block position	A423		B	
33535A	ZE 3: operation winch 4 Shut off Hoist limit switch 3 / 4 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A423		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
335362	ZE 3: operation winch 4 Emerg. shut-off winch-winch rotational sensor interrupts brake control Emergency shut-down - raising / lowering winch only possible in emergency operation Check why "Winch wound out" shut-off did not function, lifting/lowering only possible with emergency operation (danger)	A423		B	
335363	ZE 3: operation winch 4 Crane engine in overspeed Operation conditional switch off, may not be shunted Check engine RPM shut off cannot be bypassed	A423		B	
335364	ZE 3: operation winch 4 Release pressure of brake fallen below Operation conditional switch off, may not be shunted Check release pressure of brake - shut off not bridgeable	A423		B	
335366	ZE 3: operation winch 4 Shut off pressure sensor "RFP main boom" defective / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335367	ZE 3: operation winch 4 Shut off pressure sensor "RFP Derrick" defective / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
33536F	ZE 3: operation winch 4 Shut off both limit switches "WA-Bock bottom" incorrect / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335370	ZE 3: operation winch 4 shut-down both limit switches "flap in position" defect./missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335372	ZE 3: operation winch 4 shut-down both angle sensors "fly jib" defective/missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335373	ZE 3: operation winch 4 shut-down both limit switches "lower fly jib" defective/missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335374	ZE 3: operation winch 4 shut-down both limit switches "upper fly jib flap" defect./missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
335375	ZE 3: operation winch 4 shut-down both limit switches "upper fly jib stop"defect./missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
33537A	ZE 3: operation winch 4 Shut off Radio assembly BTT-E Main boom angle exceeded	A423		B	
33537B	ZE 3: operation winch 4 Shut off Radio assembly BTT-E Derrick angle exceeded	A423		B	
33537C	ZE 3: operation winch 4 Shut off Radio assembly BTT-E Accessory angle exceeded	A423		B	
335381	ZE 3: operation winch 4 end of stroke switch 1 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A423		B	
335382	ZE 3: operation winch 4 end of stroke switch 2 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A423		B	
335383	ZE 3: operation winch 4 end of stroke switch 3 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A423		B	
335385	ZE 3: operation winch 4 Shut-down limit switch right "RFP main boom" faulty / not present Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335386	ZE 3: operation winch 4 Shut-down limit switch "RFP Main boom" links faulty / not present Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335387	ZE 3: operation winch 4 Shut-down limit switch right "Overtop guard cyl D" faulty/not pres Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
335388	ZE 3: operation winch 4 Shut-down limit switch left "Overtop guard cyl D" faulty/not preS Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
33538B	ZE 3: operation winch 4 Shut off Hoist limit switch 3 / 4 erroneous operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A423		B	
335391	ZE 3: operation winch 4 Shut-down limit switch right "Limit angle SA-frame" faulty/not pres Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335392	ZE 3: operation winch 4 Shut-down limit switch left "Limit angle SA-frame" faulty/not prese Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335393	ZE 3: operation winch 4 Shut-down limit switch right "Lower count. block" faulty/not pre Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335394	ZE 3: operation winch 4 Shut-down limit switch left "Lower count. block" faulty/not present Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335395	ZE 3: operation winch 4 Shut-down limit switch right "Upper count. block" faulty/not presen Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335396	ZE 3: operation winch 4 Shut-down limit switch left "Upper count. block" faulty / not prese Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335397	ZE 3: operation winch 4 Shut off pressure Relapse cyl. SA br. outside nom. range Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335398	ZE 3: operation winch 4 Shut off pressure Relapse cyl. main boom outside nom. range Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
335399	ZE 3: operation winch 4 Shut off pressure Relapse cyl. derrick outside nom. range Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
33539A	ZE 3: operation winch 4 Shut off Pressure relapse cyl. Main boom less than min. pressure Operation conditional switch off, may not be shunted Check pressure supply Relapse cylinders main boom	A423		B	
33539B	ZE 3: operation winch 4 Shut off Pressure relapse cyl. Derrick less than min. pressure Operation conditional switch off, may not be shunted Check pressure supply Relapse cylinders Derrick	A423		B	
3353B3	ZE 3: operation winch 4 Shut off Test point 1 < F min and upper limit angle Derrick OGWD operational shut down If possible, move derrick boom in op. position, for that assembly - winch 4 can be lowered	A423			
3353B5	ZE 3: operation winch 4 Master switch right BTTE erroneous/missing operational shut down Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A423		B	
336202	ZE 3: Operation crawler Shut-down counterweight on ground Operational shut-down, shunable via raised key switch B/BW - only switch on if B/BW safely raised If possible raise the wheels via lifting the load or reducing the mounted suspended counterweight	A423		B	
336203	ZE 3: Operation crawler Shut-down support counterweight carriage is not retracted Operation conditional switch off, may not be shunted Retract support counterweight carriage completely.	A423		B	
336205	ZE 3: Operation crawler Shut-down swing with parallel travel count. carriage not possible Operational shut-down, shunable via raised key switch B/BW - only switch on if B/BW safely raised Press tow-travel key until the wheels are in travel direction and the indicator lamp remains on.	A423		B	
336206	ZE 3: Operation crawler Shut-down swing gear brake has not opened with tow-travel BW Operational shut-down, shunable via raised key switch B/BW - only switch on if B/BW safely raised Check: Brake valve swing gear - electrical selection, short-circuit or interruption, hydraulics.	A423		B	
336207	ZE 3: Operation crawler Shut-down free swing gear is not on with tow-travel BW operational shut down Check: True run or brake swing gear - electrical selection, short-circuit or interruption, hydraulics.	A423		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
336208	ZE 3: Operation crawler Shut-down swing gear brake has opened with parallel travel BW Operation conditional switch off, may not be shunted Check: Brake valve swing gear - electrical selection, short-circuit following supply voltage, hydraulics.	A423		B	
336209	ZE 3: Operation crawler Shut-down free swing gear is not on with parallel travel BW Operation conditional switch off, may not be shunted Check: True run or brake swing gear - electrical selection, short-circuit or interruption, hydraulics.	A423		B	
336211	ZE 3: Operation crawler Shut off drive crawler op. mode B3 or B4 set up Operation conditional switch off, may not be shunted Do not set up B3 or B4.	A423		B	
336217	ZE 3: Operation crawler Pres. sw. slewing gear brake or slewing gear freewheeling erroneous Operating shut-off and output of error. Check sensor, replace if necessary.	A423		B	
336219	ZE 3: Operation crawler no or invalid operation mode shut-down operational shut down Using the additional error reports determine which error is present with ballast configuration.	A423		B	
336220	ZE 3: Operation crawler High-speed gear crawler is not poss. - parallel op. crawler is on High speed crawler is not possible Switch off crawler parallel operation.	A423		B	
336221	ZE 3: Operation crawler Track top speed not possible – suspended counterweight is raised High speed crawler is not possible Switch off crawler parallel operation.	A423		B	
336230	ZE 3: Operation crawler Master switch 4 faulty/not present operational shut down Put foot pedal in zero position. Otherwise note system error for defective or missing sensors.	A423		B	
336231	ZE 3: Operation crawler Master switch 5 faulty/not present operational shut down Put foot pedal in zero position. Otherwise note system error for defective or missing sensors.	A423		B	
336233	ZE 3: Operation crawler Parallel operation differential path between crawlers too great operational shut down Switch off parallel crawler operation and switch on again, parallel operation is thus newly adjusted.	A423		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
336234	ZE 3: Operation crawler Master switch left BTTE erroneous/missing operational shut down Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A423		B	
336235	ZE 3: Operation crawler Master switch right BTTE erroneous/missing operational shut down Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A423		B	
336239	ZE 3: Operation crawler seat contact shut-down operational shut down Sit down or actuate one of the shunting switches for the seat contact in the master switches.	A423		B	
33623E	ZE 3: Operation crawler Shut off master switch zero position forced operational shut down Bring the master switch to neutral pos. and then deflect the desired movement again	A423		B	
336244	ZE 3: Operation crawler Shut-off crane engine not running Output of error, crane function is not selected. Should crane function be required, start engine and re-actuate master switch.	A423		B	
336247	ZE 3: Operation crawler Shut off crane over-equipped with LTR operational shut down Set up crane CORRECTLY!	A423		B	
336249	ZE 3: Operation crawler Shut off pressure difference ballast cylinder A/B too large operational shut down Press "A-Stop" key or "B-Stop" key to move only one ballast cylinder to equalize forces in side A/B	A423		B	
336254	ZE 3: Operation crawler Shut-down overtopping guard cylinder main boom in bump stop Operation conditional switch off, may not be shunted luff main boom down until limit switch is no longer activated - shut-down cannot be shunted	A423		B	
336255	ZE 3: Operation crawler Shut-down overtopping guard cylinder derrick boom in bump stop Operation conditional switch off, may not be shunted Luff down derrick boom until limit switch no longer activated - Shut-down may not be shunted	A423		B	
336258	ZE 3: Operation crawler Shut-down guide frame - counterweight bump stop upper Operation conditional switch off, may not be shunted If possible, extend with ballast cylinder, spool up winch 4 or retract support BW move from block position	A423		B	



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
336259	ZE 3: Operation crawler Shut-down guide frame - counterweight bump stop lower Operation conditional switch off, may not be shunted If possible, retract with ballast cylinder, spool out winch 4 or extend support BW move from block position	A423		B	
336270	ZE 3: Operation crawler Shut-down lim switch "Count. on ground" vo. left faulty/not present Operation conditional switch off, may not be shunted Release foot pedal - error remedy see corresponding system error	A423		B	
336271	ZE 3: Operation crawler Shut-down lim switch "Count. on ground" vo. right faulty/not present Operation conditional switch off, may not be shunted Release foot pedal - error remedy see corresponding system error	A423		B	
336272	ZE 3: Operation crawler Shut-down lim switch "Count. on ground" hi. left faulty/not present Operation conditional switch off, may not be shunted Release foot pedal - error remedy see corresponding system error	A423		B	
336273	ZE 3: Operation crawler Shut-down lim switch "Count. on ground" hi. right faulty/not present Operation conditional switch off, may not be shunted Release foot pedal - error remedy see corresponding system error	A423		B	
336274	ZE 3: Operation crawler Shut-down limit switch "Support retracted" vo. faulty/not present Operation conditional switch off, may not be shunted Release foot pedal - error remedy see corresponding system error	A423		B	
336275	ZE 3: Operation crawler Shut-down limit switch "Support retracted" hi. faulty/not present Operation conditional switch off, may not be shunted Release foot pedal - error remedy see corresponding system error	A423		B	
336285	ZE 3: Operation crawler Shut-down limit switch "RFP Main boom" right faulty/not present Operation conditional switch off, may not be shunted Release foot pedal - error remedy see corresponding system error	A423		B	
336286	ZE 3: Operation crawler Shut-down limit switch "RFP Main boom" links faulty/not present Operation conditional switch off, may not be shunted Release foot pedal - error remedy see corresponding system error	A423		B	
336287	ZE 3: Operation crawler Shut-down limit switch "Overtop guard cyl D" right faulty/not present Operation conditional switch off, may not be shunted Release foot pedal - error remedy see corresponding system error	A423		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
336288	ZE 3: Operation crawler Shut-down limit switch "Overtop guard cyl D" left faulty/not present Operation conditional switch off, may not be shunted Release foot pedal - error remedy see corresponding system error	A423		B	
336293	ZE 3: Operation crawler Shut-down limit switch right "Lower count. block" faulty/not present Operation conditional switch off, may not be shunted Release master switch - error remedying see corresponding system error.	A423		B	
336294	ZE 3: Operation crawler Shut-down limit switch "Lower count. block" left faulty/not present Operation conditional switch off, may not be shunted Release master switch - error remedying see corresponding system error.	A423		B	
336295	ZE 3: Operation crawler Shut-down limit switch "Upper count. block" right faulty/not present Operation conditional switch off, may not be shunted Release master switch - error remedying see corresponding system error.	A423		B	
336296	ZE 3: Operation crawler Shut-down limit switch "Upper count. block" left faulty/not present Operation conditional switch off, may not be shunted Release master switch - error remedying see corresponding system error.	A423		B	
336942	ZE 3: Operation crane control Emergency op. crane cont. switched on with start test-safety chain report of error, otherwise no reaction Switch off emergency operation, restart LICCON, test safety chain will then be carried out	A423		E	1
336943	ZE 3: Operation crane control Emergency op. crane control switched on during test-safety chain report of error, otherwise no reaction Switch off emergency operation, restart LICCON, test safety chain will then be carried out	A423		E	1
361001	E/A-Modul 3: system error OS-C167 initialising error processor-register erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A13		E	2
361002	E/A-Modul 3: system error OS-C167 initialising error test total in EPROM/FLASH erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A13		E	2
361006	E/A-Modul 3: system error OS-C167 initialising error RAM erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A13		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
361013	E/A-Modul 3: system error OS-C167 test total in EPROM/FLASH erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A13		E	2
361016	E/A-Modul 3: system error OS-C167 system-, driver-watchdog expired error indication on display note error report, ignition ON/OFF, with repeated occurrence --> inform after-sales service	A13		E	2
361068	E/A-Modul 3: system error OS-C167 impermissible interrupt error indication on display note error report, ignition ON/OFF, with repeated occurrence --> inform after-sales service	A13		E	2
361071	E/A-Modul 3: system error OS-C167 Invalid configuration or Firmware error indication on display re-load Software from ZE	A13		E	2
361080	E/A-Modul 3: system error OS-C167 fatal internal software error error indication on display note error report, ignition ON/OFF, with repeated occurrence --> inform after-sales service	A13		E	2
361082	E/A-Modul 3: system error OS-C167 hardware-watchdog erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A13		E	2
372052	E/A-Modul 3: input/output DEA0 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:17		E	1
372053	E/A-Modul 3: input/output DEA0 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:17		E	1
372054	E/A-Modul 3: input/output DEA0 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:17		E	1
372055	E/A-Modul 3: input/output DEA0 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:17		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
372152	E/A-Modul 3: input/output DEA1 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:15		E	1
372153	E/A-Modul 3: input/output DEA1 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:15		E	1
372154	E/A-Modul 3: input/output DEA1 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:15		E	1
372155	E/A-Modul 3: input/output DEA1 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:15		E	1
372252	E/A-Modul 3: input/output DEA2 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:13		E	1
372253	E/A-Modul 3: input/output DEA2 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:13		E	1
372254	E/A-Modul 3: input/output DEA2 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:13		E	1
372255	E/A-Modul 3: input/output DEA2 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:13		E	1
372352	E/A-Modul 3: input/output DEA3 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:11		E	1
372353	E/A-Modul 3: input/output DEA3 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:11		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
372354	E/A-Modul 3: input/output DEA3 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:11		E	1
372355	E/A-Modul 3: input/output DEA3 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:11		E	1
372452	E/A-Modul 3: input/output DEA4 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:9		E	1
372453	E/A-Modul 3: input/output DEA4 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:9		E	1
372454	E/A-Modul 3: input/output DEA4 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:9		E	1
372455	E/A-Modul 3: input/output DEA4 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:9		E	1
372552	E/A-Modul 3: input/output DEA5 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:7		E	1
372553	E/A-Modul 3: input/output DEA5 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:7		E	1
372554	E/A-Modul 3: input/output DEA5 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:7		E	1
372555	E/A-Modul 3: input/output DEA5 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:7		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
372652	E/A-Modul 3: input/output DEA6 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:5		E	1
372653	E/A-Modul 3: input/output DEA6 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:5		E	1
372654	E/A-Modul 3: input/output DEA6 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:5		E	1
372655	E/A-Modul 3: input/output DEA6 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:5		E	1
372752	E/A-Modul 3: input/output DEA7 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:3		E	1
372753	E/A-Modul 3: input/output DEA7 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:3		E	1
372754	E/A-Modul 3: input/output DEA7 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:3		E	1
372755	E/A-Modul 3: input/output DEA7 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:3		E	1
373017	E/A-Modul 3: current input E0 voltage below required value on both support operating units "E." is flashing on the display for support force front right check input signal on the E/A-Modul or sensor	A13.X2:17		E	1
373080	E/A-Modul 3: current input E0 short circuit to ground, open line, voltage sensor erroneous on both support operating units "E." is flashing on the display for support force front right check input signal on the E/A-Modul or sensor	A13.X2:17		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
373117	E/A-Modul 3: current input E1 voltage below required value on both support operating units "E." is flashing on the display for support force rear right check input signal on the E/A-Modul or sensor	A13.X2:15		E	1
373180	E/A-Modul 3: current input E1 short circuit to ground, open line, voltage sensor erroneous on both support operating units "E." is flashing on the display for support force rear right check input signal on the E/A-Modul or sensor	A13.X2:15		E	1
373217	E/A-Modul 3: current input E2 voltage below required value both outer LEDs for transversal inclination on both support operating units are flashing check input signal on the E/A-Modul or sensor	A13.X2:13		E	1
373280	E/A-Modul 3: current input E2 short circuit to ground, open line, voltage sensor erroneous both outer LEDs for transversal inclination on both support operating units are flashing check input signal on the E/A-Modul or sensor	A13.X2:13		E	1
373317	E/A-Modul 3: current input E3 voltage below required value both outer LEDs for longitudinal inclination are flashing on both support units check input signal on the E/A-Modul or sensor	A13.X2:11		E	1
373380	E/A-Modul 3: current input E3 short circuit to ground, open line, voltage sensor erroneous both outer LEDs for longitudinal inclination are flashing on both support units check input signal on the E/A-Modul or sensor	A13.X2:11		E	1
373782	E/A-Modul 3: voltage input E7 short circuit to ground, open line, constant current 10 mA incorrect symbol for diesel tank is flashing on the display unit, as are 3 question marks on monitor in uppercarriage check input signal on the E/A-Modul or sensor	A13.X2:3		E	1
373783	E/A-Modul 3: voltage input E7 short circuit to supply voltage, open line, lack of voltage symbol for diesel tank is flashing on the display unit, as are 3 question marks on monitor in uppercarriage check input signal on the E/A-Modul or sensor	A13.X2:3		E	1
379052	E/A-Modul 3: output A0 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:18		E	1
379053	E/A-Modul 3: output A0 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:18		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
379054	E/A-Modul 3: output A0 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:18		E	1
379055	E/A-Modul 3: output A0 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:18		E	1
379152	E/A-Modul 3: output A1 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:16		E	1
379153	E/A-Modul 3: output A1 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:16		E	1
379154	E/A-Modul 3: output A1 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:16		E	1
379155	E/A-Modul 3: output A1 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:16		E	1
379250	E/A-Modul 3: bridge output A2 short circuit to ground, junction not supplied error report on display check output for short, check current supply of load, if necessary replace E/A-Modul	A13.X3:14		E	1
379251	E/A-Modul 3: bridge output A2 short circuit to supply voltage, excessive temperature error report on display check output for short, check output load (measure load current), if necessary replace E/A-Modul	A13.X3:14		E	1
379252	E/A-Modul 3: bridge output A2 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:14		E	1
379253	E/A-Modul 3: bridge output A2 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:14		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
379254	E/A-Modul 3: bridge output A2 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:14		E	1
379255	E/A-Modul 3: bridge output A2 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:14		E	1
379350	E/A-Modul 3: bridge output A3 short circuit to ground, junction not supplied error report on display check output for short, check current supply of load, if necessary replace E/A-Modul	A13.X3:12		E	1
379351	E/A-Modul 3: bridge output A3 short circuit to supply voltage, excessive temperature error report on display check output for short, check output load (measure load current), if necessary replace E/A-Modul	A13.X3:12		E	1
379352	E/A-Modul 3: bridge output A3 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:12		E	1
379353	E/A-Modul 3: bridge output A3 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:12		E	1
379354	E/A-Modul 3: bridge output A3 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:12		E	1
379355	E/A-Modul 3: bridge output A3 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:12		E	1
383501	E/A-Modul 3: SPI-support unit right Faulty data transfer E/A-module<->unit (time exceeded) error indication on display system re-starts SPI-driver and eliminates error independently, with repeated occurrence replace E/A-Modul	A13.X4:1/2/3/5/ 6/7/8		E	1
383502	E/A-Modul 3: SPI-support unit right Serious system error to SPI-connection (interface) error indication on display system re-starts SPI-driver and eliminates error independently, with repeated occurrence replace E/A-Modul	A13.X4:1/2/3/5/ 6/7/8		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
383503	E/A-Modul 3: SPI-support unit right break in line or short circuit to supply voltage error indication on display remedy short circuit, check periphery and replace if necessary, check E/A-Modul and replace if necessary	A13.X4:1/2/3/5/ 6/7/8		E	1
383504	E/A-Modul 3: SPI-support unit right break in line or short circuit to ground error indication on display remedy short circuit, check periphery and replace if necessary, check E/A-Modul and replace if necessary	A13.X4:1/2/3/5/ 6/7/8		E	1
383506	E/A-Modul 3: SPI-support unit right Data transfer faulty (faulty check byte) error indication on display suppress EMV- interference	A13.X4:1/2/3/5/ 6/7/8		E	1
383507	E/A-Modul 3: SPI-support unit right Unit faulty/missing, incorrect unit inserted (ID) error indication on display check periphery and replace if necessary, check Software version, check EMV- interference	A13.X4:1/2/3/5/ 6/7/8		E	1
383508	E/A-Modul 3: SPI-support unit right Data transfer faulty (incorrect number of data bytes received) error indication on display system re-starts SPI-driver and eliminates error independently, with repeated occurrence replace E/A-Modul	A13.X4:1/2/3/5/ 6/7/8		E	1
383900	E/A-Modul 3: Control operating unit (SPI) Faulty initialisation data connection E/A-module<->unit error indication on display system re-starts SPI-driver and eliminates error independently, with repeated occurrence replace E/A-Modul	A13.X4:1/2/3/5/ 6/7/8		E	1
383902	E/A-Modul 3: Control operating unit (SPI) Serious system error to SPI-connection (interface) error indication on display system re-starts SPI-driver and eliminates error independently, with repeated occurrence replace E/A-Modul	A13.X4:1/2/3/5/ 6/7/8		E	1
383905	E/A-Modul 3: Control operating unit (SPI) Initialisation error, resetting inputs/outputs faulty error indication on display check wiring, check periphery and replace if necessary, check E/A-Modul and replace if necessary	A13.X4:1/2/3/5/ 6/7/8		E	1
383907	E/A-Modul 3: Control operating unit (SPI) Unit faulty/missing, incorrect unit inserted (ID) error indication on display connect functional periphery unit, system then eliminates error independently	A13.X4:1/2/3/5/ 6/7/8		E	1
383908	E/A-Modul 3: Control operating unit (SPI) Data transfer faulty (incorrect number of data bytes received) error indication on display system re-starts SPI-driver and eliminates error independently, with repeated occurrence replace E/A-Modul	A13.X4:1/2/3/5/ 6/7/8		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
384050	E/A-Modul 3: LSB-B participant address 0 reports an incorrect sensor type  Check Bus configuration in LSB test system, remove faulty / incorrect users from Bus	A13.X3:4/6		E	1
387252	E/A-Modul 3: Control data transfer LSB-B has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A13.X3:4/6		E	0
387255	E/A-Modul 3: Control data transfer LSB-B Bus connection faulty/defect, short circuit to supply voltage entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A13.X3:4/6		E	2
387256	E/A-Modul 3: Control data transfer LSB-B Bus connection faulty/defect, no supply/short circuit to earth entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A13.X3:4/6		E	2
387257	E/A-Modul 3: Control data transfer LSB-B has recognised network re-set (data transfer starts again) entry in error memory, driver re-starts and runs re-booting of network check bus lines, withdraw sensors successively from bus until malfunction source recognised, replace defective part	A13.X3:4/6		E	1
387258	E/A-Modul 3: Control data transfer LSB-B recognised participant with incorrect baud rate in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated from system itself, check address assignment of sensors	A13.X3:4/6		E	0
387259	E/A-Modul 3: Control data transfer LSB-B recognised communication breakdown in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated by driver through re-booting of network	A13.X3:4/6		E	0
387260	E/A-Modul 3: Control data transfer LSB-B driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant with temporary malfunctions error will be eliminated by system itself, with incorrect configuration install new software	A13.X3:4/6		E	2
387261	E/A-Modul 3: Control data transfer LSB-B driver error: undefined message appears entry in error memory, driver re-starts and runs re-booting of network with temporary malf. error will be eliminated by system itself otherwise new Software necessary for error elimination	A13.X3:4/6		E	2
387262	E/A-Modul 3: Control data transfer LSB-B Driver error: Initialization error entry in error memory, driver re-starts and runs re-booting of network new Software is necessary for error elimination	A13.X3:4/6		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
392830	E/A-Modul 3: control supports location coding for right support unit erroneous (set value = 0) support functions are blocked check line connection to E/A-Modul, check ground connection from signal, replace E/A-Modul	A13		E	2
392832	E/A-Modul 3: control supports right support unit key sticking or activated after switching on right support blocked check/unplug/replace support operating unit release activated key	A13		E	1
394190	E/A-Modul 3: LSB-bus participant ZE missing communication with participant not possible, after re-starting of bus communication error will be reset check LSB-network, check participant	A13		E	1
394194	E/A-Modul 3: LSB-bus participant E/A-Modul 4 missing communication with participant not possible, after re-starting of bus communication error will be reset check LSB-network, check participant	A13		E	1
394196	E/A-Modul 3: LSB-bus participant E/A-Modul 6 missing communication with participant not possible, after re-starting of bus communication error will be reset check LSB-network, check participant	A13		E	1
396408	E/A-Modul 3: operation supports unauthorised operation from upper-carriage function is not carried out check coding of E/A-Modul 3 and E/A-Modul 4 (see electric circuit diagram)	A13		B	
396409	E/A-Modul 3: operation supports unauthorised operation from under-carriage function is not carried out check coding of E/A-Modul 3 and E/A-Modul 4 (see electric circuit diagram)	A13		B	
396440	E/A-Modul 3: operation supports simultaneous UP and DOWN operation of support control unit function is not carried out actuate UP key or DOWN key of the respective support operating unit, start test program support service unit	A13		B	
396441	E/A-Modul 3: operation supports simultaneous IN and OUT operation of support control unit function is not carried out actuate OFF key or ON key of the respective support operating unit, start test program support operating unit	A13		B	
396442	E/A-Modul 3: operation supports simultaneous UP and DOWN operation on upper-carriage monitor function is not carried out actuate UP key or DOWN key of the respective support operating unit, start test program support service unit	A13		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
396443	E/A-Modul 3: operation supports simultaneous IN and OUT operation on upper-carriage monitor function is not carried out actuate OFF key or ON key of the respective support operating unit, start test program support operating unit	A13		B	
396444	E/A-Modul 3: operation supports simultaneous left and right operation of support control unit function is not carried out actuate support from only one operating position, start test program support operating unit	A13		B	
396445	E/A-Modul 3: operation supports simultaneous operation of support control unit and upper-carriage function is not carried out actuate support from only one operating position, start test program support operating unit	A13		B	
396446	E/A-Modul 3: operation supports simultaneous operation of support control unit and upper-carriage function is not carried out actuate support from only one operating position, start test program support operating unit	A13		B	
396447	E/A-Modul 3: operation supports operation of support control unit with travel direction D engaged function is not carried out switch transmission to neutral (N)	A13		B	
396448	E/A-Modul 3: operation supports operation of support control unit with travel direction R engaged function is not carried out switch transmission to neutral (N)	A13		B	
396449	E/A-Modul 3: operation supports op. of upper-carriage monitor with travel direction D engaged function is not carried out switch transmission to neutral (N)	A13		B	
396450	E/A-Modul 3: operation supports operation of upper-carriage-monitor R function is not carried out switch transmission to neutral (N)	A13		B	
396451	E/A-Modul 3: operation supports unauthorised activation of right support control unit key right support blocked release activated key after having authorized function through hand- key	A13		B	
399890	E/A-Modul 3: operation diagnosis system test program not executable as engine is not OFF function is not carried out shut down engine	A13		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
399892	E/A-Modul 3: operation diagnosis system test program not executable as not in under-carriage op. mode function is not carried out switch over uppercarriage/undercarriage-change-switch to undercarriage operation mode	A13		B	
400001	ZE 4: system error OS-HC11 (observe parameters) initialising error processor-register erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A424		E	2
400002	ZE 4: system error OS-HC11 (observe parameters) initialising error test total in EPROM/FLASH erroneous no crane operation possible check program memory card or ZE	A424		E	2
400006	ZE 4: system error OS-HC11 (observe parameters) initialising error RAM erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A424		E	2
400007	ZE 4: system error OS-HC11 (observe parameters) UART erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A424		E	2
400010	ZE 4: system error OS-HC11 (observe parameters) system routine inaccessible entry in error memory, all crane movements will be stopped	A424		E	2
400011	ZE 4: system error OS-HC11 (observe parameters) ZE-watchdog expired entry in error memory, all crane movements will be stopped check ZE	A424		E	2
400012	ZE 4: system error OS-HC11 (observe parameters) type-identification in EPROM erroneous entry in error memory, no crane operation possible check program memory card	A424		E	2
400013	ZE 4: system error OS-HC11 (observe parameters) Test sum in FLASH erroneous entry in error memory, all crane movements will be stopped check program memory card	A424		E	2
400014	ZE 4: system error OS-HC11 (observe parameters) program already running entry in error memory, all crane movements will be stopped	A424		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
400015	ZE 4: system error OS-HC11 (observe parameters) program not available entry in error memory, all crane movements will be stopped	A424		E	2
400016	ZE 4: system error OS-HC11 (observe parameters) system-, driver-watchdog expired entry in error memory, all crane movements will be stopped	A424		E	2
400017	ZE 4: system error OS-HC11 (observe parameters) total of CPU-time distribution too great entry in error memory, all crane movements will be stopped	A424		E	2
400018	ZE 4: system error OS-HC11 (observe parameters) arithmetic overflow (16 Bit) entry in error memory, all crane movements will be stopped	A424		E	2
400019	ZE 4: system error OS-HC11 (observe parameters) division through zero (16 Bit) entry in error memory, all crane movements will be stopped	A424		E	2
400020	ZE 4: system error OS-HC11 (observe parameters) task-watchdog expired entry in error memory, all crane movements will be stopped	A424		E	2
400021	ZE 4: system error OS-HC11 (observe parameters) illegal opcode trap entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A424		E	2
400022	ZE 4: system error OS-HC11 (observe parameters) task inactive entry in error memory, all crane movements will be stopped	A424		E	2
400023	ZE 4: system error OS-HC11 (observe parameters) program incapable of running (type identification) entry in error memory, all crane movements will be stopped	A424		E	2
400024	ZE 4: system error OS-HC11 (observe parameters) task already used entry in error memory, all crane movements will be stopped	A424		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
400025	ZE 4: system error OS-HC11 (observe parameters) realtime-module already used entry in error memory, all crane movements will be stopped	A424		E	2
400026	ZE 4: system error OS-HC11 (observe parameters) regulator-module already used entry in error memory, all crane movements will be stopped	A424		E	2
400030	ZE 4: system error OS-HC11 (observe parameters) unacceptable bank address entry in error memory, all crane movements will be stopped	A424		E	2
400041	ZE 4: system error OS-HC11 (observe parameters) arithmetic error entry in error memory, all crane movements will be stopped	A424		E	2
400044	ZE 4: system error OS-HC11 (observe parameters) output parameter without effect, from inactive output entry in error memory, all crane movements will be stopped	A424		E	2
400045	ZE 4: system error OS-HC11 (observe parameters) entry parameter undefined, from inactive input entry in error memory, all crane movements will be stopped	A424		E	2
400046	ZE 4: system error OS-HC11 (observe parameters) impermissible regulator parameter entry in error memory, all crane movements will be stopped	A424		E	2
400047	ZE 4: system error OS-HC11 (observe parameters) realtime-control block not available entry in error memory, all crane movements will be stopped	A424		E	2
400048	ZE 4: system error OS-HC11 (observe parameters) realtime-control block inactive entry in error memory, all crane movements will be stopped	A424		E	2
400049	ZE 4: system error OS-HC11 (observe parameters) urgent modul, ZE not available entry in error memory, no crane operation possible check ZE	A424		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
400050	ZE 4: system error OS-HC11 (observe parameters) file not available entry in error memory, all crane movements will be stopped	A424		E	2
400051	ZE 4: system error OS-HC11 (observe parameters) file already opened entry in error memory, all crane movements will be stopped	A424		E	2
400052	ZE 4: system error OS-HC11 (observe parameters) file not open on close entry in error memory, all crane movements will be stopped	A424		E	2
400053	ZE 4: system error OS-HC11 (observe parameters) system mask not available entry in error memory, all crane movements will be stopped	A424		E	2
400054	ZE 4: system error OS-HC11 (observe parameters) system text not available entry in error memory, all crane movements will be stopped	A424		E	2
400055	ZE 4: system error OS-HC11 (observe parameters) symbol not available entry in error memory, all crane movements will be stopped	A424		E	2
400056	ZE 4: system error OS-HC11 (observe parameters) invalid mark in symbol entry in error memory, all crane movements will be stopped	A424		E	2
400057	ZE 4: system error OS-HC11 (observe parameters) default load chart missing entry in error memory, all crane movements will be stopped	A424		E	2
400058	ZE 4: system error OS-HC11 (observe parameters) amplifier erroneous or return power feed entry in error memory, all crane movements will be stopped check wiring	A424		E	2
400059	ZE 4: system error OS-HC11 (observe parameters) subroutine not reentrant entry in error memory, all crane movements will be stopped	A424		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
400060	ZE 4: system error OS-HC11 (observe parameters) transmission error SCI entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A424		E	2
400061	ZE 4: system error OS-HC11 (observe parameters) SCI-BREAK entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A424		E	2
400062	ZE 4: system error OS-HC11 (observe parameters) SCI not connected entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A424		E	2
400063	ZE 4: system error OS-HC11 (observe parameters) monitor error in operation entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A424		E	2
400065	ZE 4: system error OS-HC11 (observe parameters) impermissible bus address entry in error memory, all crane movements will be stopped	A424		E	2
400066	ZE 4: system error OS-HC11 (observe parameters) ADC working outside the permissible tolerance entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A424		E	2
400067	ZE 4: system error OS-HC11 (observe parameters) arithmetic processor not available entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A424		E	2
400068	ZE 4: system error OS-HC11 (observe parameters) impermissible interrupt entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A424		E	2
400070	ZE 4: system error OS-HC11 (observe parameters) various structure versions entry in error memory, no crane operation possible	A424		E	2
400071	ZE 4: system error OS-HC11 (observe parameters) Structure file missing or faulty entry in error memory, no crane operation possible	A424		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
400072	ZE 4: system error OS-HC11 (observe parameters) structure entry senseless entry in error memory, no crane operation possible	A424		E	2
400073	ZE 4: system error OS-HC11 (observe parameters) interpreter error entry in error memory, all crane movements will be stopped	A424		E	2
400074	ZE 4: system error OS-HC11 (observe parameters) transformation ASCII to BIN erroneous entry in error memory, all crane movements will be stopped	A424		E	2
400075	ZE 4: system error OS-HC11 (observe parameters) SPI-error entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A424		E	2
400076	ZE 4: system error OS-HC11 (observe parameters) incorrectly inserted power unit entry in error memory, all crane movements will be stopped check memory card in power supply unit	A424		E	2
400077	ZE 4: system error OS-HC11 (observe parameters) BAF-call-up erroneous entry in error memory, all crane movements will be stopped	A424		E	2
400078	ZE 4: system error OS-HC11 (observe parameters) impermissible parameter entry in error memory, all crane movements will be stopped	A424		E	2
400079	ZE 4: system error OS-HC11 (observe parameters) no right of access entry in error memory, all crane movements will be stopped	A424		E	2
400080	ZE 4: system error OS-HC11 (observe parameters) Fatal internal error entry in error memory, all crane movements will be stopped	A424		E	2
400081	ZE 4: system error OS-HC11 (observe parameters) stack overflow entry in error memory, all crane movements will be stopped	A424		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
400082	ZE 4: system error OS-HC11 (observe parameters) hardware-watchdog erroneous entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A424		E	2
400094	ZE 4: system error OS-HC11 (observe parameters) transmission error parallel bus entry in error memory, all crane movements will be stopped check ZE, bus circuit board, power supply unit	A424		E	2
400095	ZE 4: system error OS-HC11 (observe parameters) DMA-error entry in error memory, all crane movements will be stopped check ZE, bus circuit board, power supply unit	A424		E	2
400099	ZE 4: system error OS-HC11 (observe parameters) DSP0 erroneous entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A424		E	2
402001	ZE 4: system error OS-TMS initialising error processor-register erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A424		E	2
402002	ZE 4: system error OS-TMS initialising error test total in EPROM/FLASH erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A424		E	2
402006	ZE 4: system error OS-TMS initialising error RAM erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A424		E	2
402007	ZE 4: system error OS-TMS UART erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A424		E	2
402020	ZE 4: system error OS-TMS task-watchdog expired entry of error in error memory, all crane movements will be stopped elimination only possible through after-sales service	A424		E	2
402021	ZE 4: system error OS-TMS illegal opcode trap entry of error in error memory, all crane movements will be stopped elimination only possible through after-sales service	A424		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
402082	ZE 4: system error OS-TMS hardware-watchdog erroneous entry of error in error memory, all crane movements will be stopped elimination only possible through after-sales service	A424		E	2
410012	ZE 4: output 0 short circuit to ground	A424.X1:16		E	1
410013	ZE 4: output 0 open signal circuits	A424.X1:16		E	1
410014	ZE 4: output 0 short circuit to supply voltage	A424.X1:16		E	1
410054	ZE 4: output 0 short circuit to supply voltage	A424.X1:16		E	1
410058	ZE 4: output 0 positive switching transistor: disruption	A424.X1:16		E	1
410060	ZE 4: output 0 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A424.X1:16		E	1
410062	ZE 4: output 0 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A424.X1:16		E	1
410063	ZE 4: output 0 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A424.X1:16		E	1
410070	ZE 4: output 0 measuring system defect no crane operation possible entry in error list	A424.X1:16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
410071	ZE 4: output 0 short circuit to ground or transistor defect	A424.X1:16		E	1
410072	ZE 4: output 0 outside source feeding	A424.X1:16		E	1
410073	ZE 4: output 0 open circuit or short circuit to supply voltage/ground	A424.X1:16		E	1
410112	ZE 4: output 1 short circuit to ground	A424.X1:17		E	1
410113	ZE 4: output 1 open signal circuits	A424.X1:17		E	1
410114	ZE 4: output 1 short circuit to supply voltage	A424.X1:17		E	1
410154	ZE 4: output 1 short circuit to supply voltage	A424.X1:17		E	1
410158	ZE 4: output 1 positive switching transistor: disruption	A424.X1:17		E	1
410160	ZE 4: output 1 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A424.X1:17		E	1
410162	ZE 4: output 1 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A424.X1:17		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
410163	ZE 4: output 1 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A424.X1:17		E	1
410170	ZE 4: output 1 measuring system defect no crane operation possible entry in error list	A424.X1:17		E	1
410171	ZE 4: output 1 short circuit to ground or transistor defect	A424.X1:17		E	1
410172	ZE 4: output 1 outside source feeding	A424.X1:17		E	1
410173	ZE 4: output 1 open circuit or short circuit to supply voltage/ground	A424.X1:17		E	1
410212	ZE 4: output 2 short circuit to ground	A424.X1:18		E	1
410213	ZE 4: output 2 open signal circuits	A424.X1:18		E	1
410214	ZE 4: output 2 short circuit to supply voltage	A424.X1:18		E	1
410254	ZE 4: output 2 short circuit to supply voltage	A424.X1:18		E	1
410258	ZE 4: output 2 positive switching transistor: disruption	A424.X1:18		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
410270	ZE 4: output 2 measuring system defect no crane operation possible entry in error list	A424.X1:18		E	1
410271	ZE 4: output 2 short circuit to ground or transistor defect	A424.X1:18		E	1
410272	ZE 4: output 2 outside source feeding	A424.X1:18		E	1
410273	ZE 4: output 2 open circuit or short circuit to supply voltage/ground	A424.X1:18		E	1
410312	ZE 4: output 3 short circuit to ground	A424.X1:19		E	1
410313	ZE 4: output 3 open signal circuits	A424.X1:19		E	1
410314	ZE 4: output 3 short circuit to supply voltage	A424.X1:19		E	1
410354	ZE 4: output 3 short circuit to supply voltage	A424.X1:19		E	1
410358	ZE 4: output 3 positive switching transistor: disruption	A424.X1:19		E	1
410360	ZE 4: output 3 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A424.X1:19		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
410362	ZE 4: output 3 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A424.X1:19		E	1
410363	ZE 4: output 3 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A424.X1:19		E	1
410370	ZE 4: output 3 measuring system defect no crane operation possible entry in error list	A424.X1:19		E	1
410371	ZE 4: output 3 short circuit to ground or transistor defect	A424.X1:19		E	1
410372	ZE 4: output 3 outside source feeding	A424.X1:19		E	1
410373	ZE 4: output 3 open circuit or short circuit to supply voltage/ground	A424.X1:19		E	1
410412	ZE 4: output 4 short circuit to ground	A424.X1:20		E	1
410413	ZE 4: output 4 open signal circuits	A424.X1:20		E	1
410414	ZE 4: output 4 short circuit to supply voltage	A424.X1:20		E	1
410454	ZE 4: output 4 short circuit to supply voltage	A424.X1:20		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
410458	ZE 4: output 4 positive switching transistor: disruption	A424.X1:20		E	1
410460	ZE 4: output 4 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A424.X1:20		E	1
410462	ZE 4: output 4 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A424.X1:20		E	1
410463	ZE 4: output 4 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A424.X1:20		E	1
410470	ZE 4: output 4 measuring system defect no crane operation possible entry in error list	A424.X1:20		E	1
410471	ZE 4: output 4 short circuit to ground or transistor defect	A424.X1:20		E	1
410472	ZE 4: output 4 outside source feeding	A424.X1:20		E	1
410473	ZE 4: output 4 open circuit or short circuit to supply voltage/ground	A424.X1:20		E	1
410512	ZE 4: output 5 short circuit to ground	A424.X1:21		E	1
410513	ZE 4: output 5 open signal circuits	A424.X1:21		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
410514	ZE 4: output 5 short circuit to supply voltage	A424.X1:21		E	1
410554	ZE 4: output 5 short circuit to supply voltage	A424.X1:21		E	1
410558	ZE 4: output 5 positive switching transistor: disruption	A424.X1:21		E	1
410560	ZE 4: output 5 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A424.X1:21		E	1
410562	ZE 4: output 5 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A424.X1:21		E	1
410563	ZE 4: output 5 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A424.X1:21		E	1
410570	ZE 4: output 5 measuring system defect no crane operation possible entry in error list	A424.X1:21		E	1
410571	ZE 4: output 5 short circuit to ground or transistor defect	A424.X1:21		E	1
410572	ZE 4: output 5 outside source feeding	A424.X1:21		E	1
410573	ZE 4: output 5 open circuit or short circuit to supply voltage/ground	A424.X1:21		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
410612	ZE 4: output 6 short circuit to ground	A424.X1:22		E	1
410613	ZE 4: output 6 open signal circuits	A424.X1:22		E	1
410614	ZE 4: output 6 short circuit to supply voltage	A424.X1:22		E	1
410654	ZE 4: output 6 short circuit to supply voltage	A424.X1:22		E	1
410658	ZE 4: output 6 positive switching transistor: disruption	A424.X1:22		E	1
410670	ZE 4: output 6 measuring system defect no crane operation possible entry in error list	A424.X1:22		E	1
410671	ZE 4: output 6 short circuit to ground or transistor defect	A424.X1:22		E	1
410672	ZE 4: output 6 outside source feeding	A424.X1:22		E	1
410673	ZE 4: output 6 open circuit or short circuit to supply voltage/ground	A424.X1:22		E	1
410712	ZE 4: output 7 short circuit to ground	A424.X1:23		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
410713	ZE 4: output 7 open signal circuits	A424.X1:23		E	1
410714	ZE 4: output 7 short circuit to supply voltage	A424.X1:23		E	1
410754	ZE 4: output 7 short circuit to supply voltage	A424.X1:23		E	1
410758	ZE 4: output 7 positive switching transistor: disruption	A424.X1:23		E	1
410760	ZE 4: output 7 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A424.X1:23		E	1
410762	ZE 4: output 7 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A424.X1:23		E	1
410763	ZE 4: output 7 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A424.X1:23		E	1
410770	ZE 4: output 7 measuring system defect no crane operation possible entry in error list	A424.X1:23		E	1
410771	ZE 4: output 7 short circuit to ground or transistor defect	A424.X1:23		E	1
410772	ZE 4: output 7 outside source feeding	A424.X1:23		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
410773	ZE 4: output 7 open circuit or short circuit to supply voltage/ground	A424.X1:23		E	1
414959	ZE 4: all output supply voltage missing	A424		E	1
415059	ZE 4: output group 0 supply voltage missing	A424.X1:12		E	1
415159	ZE 4: output group 1 supply voltage missing	A424.X1:24		E	1
415259	ZE 4: output group 2 supply voltage missing	A424		E	1
415359	ZE 4: output group 3 supply voltage missing	A424		E	1
420004	ZE 4: LSB participant address 0 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
420005	ZE 4: LSB participant address 0 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
420018	ZE 4: LSB participant address 0 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
420050	ZE 4: LSB participant address 0 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
420051	ZE 4: LSB participant address 0 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
420053	ZE 4: LSB participant address 0 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
420054	ZE 4: LSB participant address 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
420064	ZE 4: LSB participant address 0 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
420065	ZE 4: LSB participant address 0 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
420066	ZE 4: LSB participant address 0 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
420067	ZE 4: LSB participant address 0 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
420104	ZE 4: LSB participant address 1 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
420105	ZE 4: LSB participant address 1 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
420118	ZE 4: LSB participant address 1 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
420150	ZE 4: LSB participant address 1 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
420151	ZE 4: LSB participant address 1 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
420153	ZE 4: LSB participant address 1 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
420154	ZE 4: LSB participant address 1 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
420164	ZE 4: LSB participant address 1 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
420165	ZE 4: LSB participant address 1 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
420166	ZE 4: LSB participant address 1 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
420167	ZE 4: LSB participant address 1 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
420204	ZE 4: LSB participant address 2 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
420205	ZE 4: LSB participant address 2 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
420218	ZE 4: LSB participant address 2 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
420250	ZE 4: LSB participant address 2 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
420251	ZE 4: LSB participant address 2 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
420253	ZE 4: LSB participant address 2 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
420254	ZE 4: LSB participant address 2 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
420264	ZE 4: LSB participant address 2 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
420265	ZE 4: LSB participant address 2 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
420266	ZE 4: LSB participant address 2 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
420267	ZE 4: LSB participant address 2 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
420304	ZE 4: LSB participant address 3 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
420305	ZE 4: LSB participant address 3 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
420318	ZE 4: LSB participant address 3 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
420350	ZE 4: LSB participant address 3 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
420351	ZE 4: LSB participant address 3 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
420353	ZE 4: LSB participant address 3 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
420354	ZE 4: LSB participant address 3 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
420364	ZE 4: LSB participant address 3 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
420365	ZE 4: LSB participant address 3 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
420366	ZE 4: LSB participant address 3 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
420367	ZE 4: LSB participant address 3 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
420404	ZE 4: LSB participant address 4 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
420405	ZE 4: LSB participant address 4 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
420418	ZE 4: LSB participant address 4 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
420450	ZE 4: LSB participant address 4 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
420451	ZE 4: LSB participant address 4 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
420453	ZE 4: LSB participant address 4 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
420454	ZE 4: LSB participant address 4 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
420464	ZE 4: LSB participant address 4 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
420465	ZE 4: LSB participant address 4 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
420466	ZE 4: LSB participant address 4 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
420467	ZE 4: LSB participant address 4 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
420504	ZE 4: LSB participant address 5 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
420505	ZE 4: LSB participant address 5 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
420518	ZE 4: LSB participant address 5 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
420550	ZE 4: LSB participant address 5 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
420551	ZE 4: LSB participant address 5 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
420553	ZE 4: LSB participant address 5 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
420554	ZE 4: LSB participant address 5 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
420564	ZE 4: LSB participant address 5 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
420565	ZE 4: LSB participant address 5 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
420566	ZE 4: LSB participant address 5 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
420567	ZE 4: LSB participant address 5 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
420604	ZE 4: LSB participant address 6 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
420605	ZE 4: LSB participant address 6 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
420618	ZE 4: LSB participant address 6 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
420650	ZE 4: LSB participant address 6 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
420651	ZE 4: LSB participant address 6 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
420653	ZE 4: LSB participant address 6 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
420654	ZE 4: LSB participant address 6 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
420664	ZE 4: LSB participant address 6 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
420665	ZE 4: LSB participant address 6 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
420666	ZE 4: LSB participant address 6 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
420667	ZE 4: LSB participant address 6 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
420704	ZE 4: LSB participant address 7 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
420705	ZE 4: LSB participant address 7 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
420718	ZE 4: LSB participant address 7 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
420750	ZE 4: LSB participant address 7 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
420751	ZE 4: LSB participant address 7 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
420753	ZE 4: LSB participant address 7 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
420754	ZE 4: LSB participant address 7 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
420764	ZE 4: LSB participant address 7 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
420765	ZE 4: LSB participant address 7 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
420766	ZE 4: LSB participant address 7 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
420767	ZE 4: LSB participant address 7 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
420804	ZE 4: LSB participant address 8 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
420805	ZE 4: LSB participant address 8 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
420818	ZE 4: LSB participant address 8 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
420850	ZE 4: LSB participant address 8 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
420851	ZE 4: LSB participant address 8 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
420853	ZE 4: LSB participant address 8 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
420854	ZE 4: LSB participant address 8 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
420864	ZE 4: LSB participant address 8 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
420865	ZE 4: LSB participant address 8 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
420866	ZE 4: LSB participant address 8 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
420867	ZE 4: LSB participant address 8 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
420904	ZE 4: LSB participant address 9 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
420905	ZE 4: LSB participant address 9 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
420918	ZE 4: LSB participant address 9 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
420950	ZE 4: LSB participant address 9 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
420951	ZE 4: LSB participant address 9 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
420953	ZE 4: LSB participant address 9 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
420954	ZE 4: LSB participant address 9 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
420964	ZE 4: LSB participant address 9 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
420965	ZE 4: LSB participant address 9 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
420966	ZE 4: LSB participant address 9 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
420967	ZE 4: LSB participant address 9 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
421004	ZE 4: LSB participant address 10 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
421005	ZE 4: LSB participant address 10 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
421018	ZE 4: LSB participant address 10 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
421050	ZE 4: LSB participant address 10 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
421051	ZE 4: LSB participant address 10 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
421053	ZE 4: LSB participant address 10 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
421054	ZE 4: LSB participant address 10 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
421064	ZE 4: LSB participant address 10 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
421065	ZE 4: LSB participant address 10 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
421066	ZE 4: LSB participant address 10 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
421067	ZE 4: LSB participant address 10 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
421104	ZE 4: LSB participant address 11 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
421105	ZE 4: LSB participant address 11 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
421118	ZE 4: LSB participant address 11 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
421150	ZE 4: LSB participant address 11 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
421151	ZE 4: LSB participant address 11 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
421153	ZE 4: LSB participant address 11 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
421154	ZE 4: LSB participant address 11 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
421164	ZE 4: LSB participant address 11 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
421165	ZE 4: LSB participant address 11 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
421166	ZE 4: LSB participant address 11 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
421167	ZE 4: LSB participant address 11 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
421204	ZE 4: LSB participant address 12 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
421205	ZE 4: LSB participant address 12 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
421218	ZE 4: LSB participant address 12 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
421250	ZE 4: LSB participant address 12 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
421251	ZE 4: LSB participant address 12 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
421253	ZE 4: LSB participant address 12 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
421254	ZE 4: LSB participant address 12 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
421264	ZE 4: LSB participant address 12 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
421265	ZE 4: LSB participant address 12 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
421266	ZE 4: LSB participant address 12 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
421267	ZE 4: LSB participant address 12 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
421304	ZE 4: LSB participant address 13 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
421305	ZE 4: LSB participant address 13 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
421318	ZE 4: LSB participant address 13 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
421350	ZE 4: LSB participant address 13 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
421351	ZE 4: LSB participant address 13 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
421353	ZE 4: LSB participant address 13 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
421354	ZE 4: LSB participant address 13 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
421364	ZE 4: LSB participant address 13 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
421365	ZE 4: LSB participant address 13 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
421366	ZE 4: LSB participant address 13 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
421367	ZE 4: LSB participant address 13 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
421404	ZE 4: LSB participant address 14 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
421405	ZE 4: LSB participant address 14 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
421418	ZE 4: LSB participant address 14 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
421450	ZE 4: LSB participant address 14 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
421451	ZE 4: LSB participant address 14 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
421453	ZE 4: LSB participant address 14 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
421454	ZE 4: LSB participant address 14 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
421464	ZE 4: LSB participant address 14 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
421465	ZE 4: LSB participant address 14 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
421466	ZE 4: LSB participant address 14 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
421467	ZE 4: LSB participant address 14 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
421504	ZE 4: LSB participant address 15 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
421505	ZE 4: LSB participant address 15 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
421518	ZE 4: LSB participant address 15 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
421550	ZE 4: LSB participant address 15 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
421551	ZE 4: LSB participant address 15 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
421553	ZE 4: LSB participant address 15 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
421554	ZE 4: LSB participant address 15 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
421564	ZE 4: LSB participant address 15 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
421565	ZE 4: LSB participant address 15 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
421566	ZE 4: LSB participant address 15 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
421567	ZE 4: LSB participant address 15 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
421604	ZE 4: LSB participant address 16 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
421605	ZE 4: LSB participant address 16 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
421618	ZE 4: LSB participant address 16 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
421650	ZE 4: LSB participant address 16 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
421651	ZE 4: LSB participant address 16 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
421653	ZE 4: LSB participant address 16 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
421654	ZE 4: LSB participant address 16 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
421664	ZE 4: LSB participant address 16 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
421665	ZE 4: LSB participant address 16 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
421666	ZE 4: LSB participant address 16 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
421667	ZE 4: LSB participant address 16 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
421704	ZE 4: LSB participant address 17 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
421705	ZE 4: LSB participant address 17 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
421718	ZE 4: LSB participant address 17 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
421750	ZE 4: LSB participant address 17 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
421751	ZE 4: LSB participant address 17 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
421753	ZE 4: LSB participant address 17 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
421754	ZE 4: LSB participant address 17 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
421764	ZE 4: LSB participant address 17 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
421765	ZE 4: LSB participant address 17 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
421766	ZE 4: LSB participant address 17 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
421767	ZE 4: LSB participant address 17 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
421804	ZE 4: LSB participant address 18 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
421805	ZE 4: LSB participant address 18 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
421818	ZE 4: LSB participant address 18 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
421850	ZE 4: LSB participant address 18 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
421851	ZE 4: LSB participant address 18 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
421853	ZE 4: LSB participant address 18 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
421854	ZE 4: LSB participant address 18 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
421864	ZE 4: LSB participant address 18 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
421865	ZE 4: LSB participant address 18 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
421866	ZE 4: LSB participant address 18 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
421867	ZE 4: LSB participant address 18 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
421904	ZE 4: LSB participant address 19 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
421905	ZE 4: LSB participant address 19 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
421918	ZE 4: LSB participant address 19 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
421950	ZE 4: LSB participant address 19 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
421951	ZE 4: LSB participant address 19 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
421953	ZE 4: LSB participant address 19 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
421954	ZE 4: LSB participant address 19 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
421964	ZE 4: LSB participant address 19 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
421965	ZE 4: LSB participant address 19 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
421966	ZE 4: LSB participant address 19 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
421967	ZE 4: LSB participant address 19 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
422004	ZE 4: LSB participant address 20 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
422005	ZE 4: LSB participant address 20 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
422018	ZE 4: LSB participant address 20 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
422050	ZE 4: LSB participant address 20 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
422051	ZE 4: LSB participant address 20 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
422053	ZE 4: LSB participant address 20 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
422054	ZE 4: LSB participant address 20 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
422064	ZE 4: LSB participant address 20 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
422065	ZE 4: LSB participant address 20 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
422066	ZE 4: LSB participant address 20 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
422067	ZE 4: LSB participant address 20 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
422104	ZE 4: LSB participant address 21 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
422105	ZE 4: LSB participant address 21 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
422118	ZE 4: LSB participant address 21 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
422150	ZE 4: LSB participant address 21 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
422151	ZE 4: LSB participant address 21 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
422153	ZE 4: LSB participant address 21 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
422154	ZE 4: LSB participant address 21 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
422164	ZE 4: LSB participant address 21 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
422165	ZE 4: LSB participant address 21 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
422166	ZE 4: LSB participant address 21 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
422167	ZE 4: LSB participant address 21 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
422204	ZE 4: LSB participant address 22 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
422205	ZE 4: LSB participant address 22 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
422218	ZE 4: LSB participant address 22 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
422250	ZE 4: LSB participant address 22 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
422251	ZE 4: LSB participant address 22 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
422253	ZE 4: LSB participant address 22 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
422254	ZE 4: LSB participant address 22 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
422264	ZE 4: LSB participant address 22 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
422265	ZE 4: LSB participant address 22 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
422266	ZE 4: LSB participant address 22 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
422267	ZE 4: LSB participant address 22 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
422304	ZE 4: LSB participant address 23 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
422305	ZE 4: LSB participant address 23 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
422318	ZE 4: LSB participant address 23 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
422350	ZE 4: LSB participant address 23 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
422351	ZE 4: LSB participant address 23 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
422353	ZE 4: LSB participant address 23 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
422354	ZE 4: LSB participant address 23 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
422364	ZE 4: LSB participant address 23 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
422365	ZE 4: LSB participant address 23 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
422366	ZE 4: LSB participant address 23 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
422367	ZE 4: LSB participant address 23 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
422404	ZE 4: LSB participant address 24 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
422405	ZE 4: LSB participant address 24 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
422418	ZE 4: LSB participant address 24 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
422450	ZE 4: LSB participant address 24 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
422451	ZE 4: LSB participant address 24 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
422453	ZE 4: LSB participant address 24 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
422454	ZE 4: LSB participant address 24 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
422464	ZE 4: LSB participant address 24 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
422465	ZE 4: LSB participant address 24 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
422466	ZE 4: LSB participant address 24 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
422467	ZE 4: LSB participant address 24 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
422504	ZE 4: LSB participant address 25 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
422505	ZE 4: LSB participant address 25 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
422518	ZE 4: LSB participant address 25 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
422550	ZE 4: LSB participant address 25 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
422551	ZE 4: LSB participant address 25 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
422553	ZE 4: LSB participant address 25 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
422554	ZE 4: LSB participant address 25 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
422564	ZE 4: LSB participant address 25 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
422565	ZE 4: LSB participant address 25 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
422566	ZE 4: LSB participant address 25 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
422567	ZE 4: LSB participant address 25 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
422604	ZE 4: LSB participant address 26 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
422605	ZE 4: LSB participant address 26 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
422618	ZE 4: LSB participant address 26 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
422650	ZE 4: LSB participant address 26 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
422651	ZE 4: LSB participant address 26 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
422653	ZE 4: LSB participant address 26 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
422654	ZE 4: LSB participant address 26 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
422664	ZE 4: LSB participant address 26 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
422665	ZE 4: LSB participant address 26 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
422666	ZE 4: LSB participant address 26 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
422667	ZE 4: LSB participant address 26 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
422704	ZE 4: LSB participant address 27 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
422705	ZE 4: LSB participant address 27 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
422718	ZE 4: LSB participant address 27 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
422750	ZE 4: LSB participant address 27 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
422751	ZE 4: LSB participant address 27 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
422753	ZE 4: LSB participant address 27 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
422754	ZE 4: LSB participant address 27 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
422764	ZE 4: LSB participant address 27 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
422765	ZE 4: LSB participant address 27 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
422766	ZE 4: LSB participant address 27 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
422767	ZE 4: LSB participant address 27 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
422804	ZE 4: LSB participant address 28 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
422805	ZE 4: LSB participant address 28 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
422818	ZE 4: LSB participant address 28 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
422850	ZE 4: LSB participant address 28 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
422851	ZE 4: LSB participant address 28 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
422853	ZE 4: LSB participant address 28 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
422854	ZE 4: LSB participant address 28 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
422864	ZE 4: LSB participant address 28 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
422865	ZE 4: LSB participant address 28 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
422866	ZE 4: LSB participant address 28 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
422867	ZE 4: LSB participant address 28 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
422904	ZE 4: LSB participant address 29 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
422905	ZE 4: LSB participant address 29 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
422918	ZE 4: LSB participant address 29 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
422950	ZE 4: LSB participant address 29 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2
422951	ZE 4: LSB participant address 29 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
422953	ZE 4: LSB participant address 29 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
422954	ZE 4: LSB participant address 29 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
422964	ZE 4: LSB participant address 29 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
422965	ZE 4: LSB participant address 29 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
422966	ZE 4: LSB participant address 29 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
422967	ZE 4: LSB participant address 29 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
423004	ZE 4: LSB participant address 30 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A424.X2:z14/z16		E	1
423005	ZE 4: LSB participant address 30 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A424.X2:z14/z16		E	1
423018	ZE 4: LSB participant address 30 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A424.X2:z14/z16		E	0
423050	ZE 4: LSB participant address 30 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A424.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
423051	ZE 4: LSB participant address 30 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A424.X2:z14/z16		E	2
423053	ZE 4: LSB participant address 30 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A424.X2:z14/z16		E	1
423054	ZE 4: LSB participant address 30 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A424.X2:z14/z16		E	2
423064	ZE 4: LSB participant address 30 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A424.X2:z14/z16		E	1
423065	ZE 4: LSB participant address 30 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A424.X2:z14/z16		E	2
423066	ZE 4: LSB participant address 30 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A424.X2:z14/z16		E	2
423067	ZE 4: LSB participant address 30 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A424.X2:z14/z16		E	1
423252	ZE 4: Control data transfer LSB has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A424.X2:z14/z16		E	0
423255	ZE 4: Control data transfer LSB Bus connection faulty/defect, short circuit to supply voltage entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A424.X2:z14/z16		E	2
423256	ZE 4: Control data transfer LSB Bus connection faulty/defect, no supply/short circuit to earth entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A424.X2:z14/z16		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
423257	ZE 4: Control data transfer LSB has recognised network re-set (data transfer starts again) entry in error memory, driver re-starts and runs re-booting of network check bus lines, withdraw sensors successively from bus until malfunction source recognised, replace defective part	A424.X2:z14/z16		E	1
423258	ZE 4: Control data transfer LSB recognised participant with incorrect baud rate in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated from system itself, check address assignment of sensors	A424.X2:z14/z16		E	0
423259	ZE 4: Control data transfer LSB recognised communication breakdown in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated by driver through re-booting of network	A424.X2:z14/z16		E	0
423260	ZE 4: Control data transfer LSB driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant with temporary malfunctions error will be eliminated by system itself, with incorrect configuration install new software	A424.X2:z14/z16		E	2
423261	ZE 4: Control data transfer LSB driver error: undefined message appears entry in error memory, driver re-starts and runs re-booting of network with temporary malf. error will be eliminated by system itself otherwise new Software necessary for error elimination	A424.X2:z14/z16		E	2
423262	ZE 4: Control data transfer LSB Driver error: Initialization error entry in error memory, driver re-starts and runs re-booting of network new Software is necessary for error elimination	A424.X2:z14/z16		E	2
430610	ZE 4: Data recorder Start: (still) no valid crane number entered Inspect in 10 sec. cycles Write in coefficients incl. crane number in the NT in "CRANE COMMISSIONING " program (MO > AK)	A424		E	1
430611	ZE 4: Data recorder Start: Crane number faulty (not 9 figures numerically) Data recorder software stops - no documentation possible! Define crane number correctly (Sxxxxxx.yyQ - KNFtt00vrrr.Q)	A424		E	1
430612	ZE 4: Data recorder Start: not connected Data recorder software stops - no documentation possible! Connect data logger correctly	A424		E	1
430620	ZE 4: Data recorder Init: Firmware version incorrect/faulty Has not yet been checked!	A424		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
430621	ZE 4: Data recorder Init: ATA-card not initialised STATUS-error: Data recorder software stops - no documentation possible! Initialise ATA card with PC-Software "LICCON Manager"	A424		E	1
430622	ZE 4: Data recorder Init: ATA-card contains different crane number STATUS-error: Data recorder software stops - no documentation possible! Use ATA card with correct crane number or newly initialised ATA card	A424		E	1
430623	ZE 4: Data recorder Init: Format-File-Transfer faulty Repeat of Format-File transfers in 1 sec. cycles If necessary correct types and country specific Format-File "Lnnttt01vvr.Q" in EPROM 0	A424		E	1
430630	ZE 4: Data recorder Transfer: Data transmission faulty Repeat of data transfers in 1 sec. cycles If necessary check connection from LICCON system to data recorder	A424		E	1
430631	ZE 4: Data recorder Transfer: CSM-protocol error Respective telegram is repeated max. 3x, then synchronise completely anew If necessary check connection from LICCON system to data recorder	A424		E	1
430632	ZE 4: Data recorder Transfer: Transmission error (CRC) Respective telegram is repeated max. 3x, then synchronise completely anew If necessary check connection from LICCON system to data recorder	A424		E	1
430633	ZE 4: Data recorder Transfer: STATUS-error Dependent upon STATUS in 1 sec. cycles synchronise anew or stop data recorder software If necessary check connection from LICCON system to data recorder	A424		E	1
430634	ZE 4: Data recorder Transfer: TAN-error Synchronise CSM protocol again completely If necessary check connection from LICCON system to data recorder	A424		E	1
430635	ZE 4: Data recorder Transfer: Writing error Synchronise CSM protocol again completely If necessary check connection from LICCON-System to data recorder and ATA card	A424		E	1
430636	ZE 4: Data recorder Transfer: No recorder data (SPS-Handshake) LICCON-data logger software tries again in 1 sec. cycle Check function of SPS software	A424		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
432400	ZE 4: control winch 5 no slewing movement recognized on actuated winch output of error check LICCON output, lines for short or break, incremental sensor on function, hoisting gear brake	A424		E	1
432402	ZE 4: control winch 5 hydraulic circuit pressure sensor defective/missing if valid winch torque for LMB is available this will be used, otherwise 0 bar is loaded into pressure value memory Observe system error for faulty or missing sensor.	A424		E	1
432403	ZE 4: control winch 5 Winch turn sensor, internal non-tolerable continuous error (P0=04H) Operation conditional switch off, may not be shunted in the LSB- sensor view of the test system: take over default values, otherwise replace sensor	A424		E	
432404	ZE 4: control winch 5 Winch turn sensor, internal non-tolerable continuous error (P0=08H/40H) Operation conditional switch off, may not be shunted replace sensor through new part	A424		E	
432405	ZE 4: control winch 5 Winch turn sensor, internal non-tolerable continuous error (P0=10H) Operation conditional switch off, may not be shunted Reload data on external EEPROM, otherwise replace external EEPROM	A424		E	
432406	ZE 4: control winch 5 Winch turn sensor, internal non-tolerable continuous error (P0=20H) Operation conditional switch off, may not be shunted Reload data on internal EEPROM, otherwise replace sensor	A424		E	
432407	ZE 4: control winch 5 Winch turn sensor, internal, non-tolerable partial error Operation conditional switch off, may not be shunted replace sensor through new part	A424		E	
432408	ZE 4: control winch 5 Winch turn sensor, tolerable error(P0=01H), sensor not exact Output of error (resolution of sensor is bad) Replace sensor in the meantime	A424		E	
432409	ZE 4: control winch 5 Winch turn sensor, tolerable error(P0=02H), replace external EEPROM Output of error Replace sensor in the meantime	A424		E	
432410	ZE 4: control winch 5 Winch turn sensor, tolerable error (P0=04H) button pressed constantly Output of error, adjusting with button does not work Check button, replace sensor in the meantime, if necessary	A424		E	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
432411	ZE 4: control winch 5 Winch turn sensor, tolerable error (P0=08H) pressure sensor1 not 4-20mA Output of error Check pressure sensor - Analog signal line to winch turn sensor, or replace this pressure sensor	A424		E	
432412	ZE 4: control winch 5 Winch turn sensor, tolerable error(P0=10H) pressure sensor2 not 4-20mA Output of error Check pressure sensor - Analog signal line to winch turn sensor, or replace this pressure sensor	A424		E	
432413	ZE 4: control winch 5 Winch turn sensor, tolerable error(P0=20H) Safety relay stuck Output of error, 2. shut off "Winch spooled out " does not work Replace sensor in the meantime	A424		E	
432414	ZE 4: control winch 5 Winch turn sensor, tolerable error(P0=40H) Output of error Replace sensor in the meantime	A424		E	
432415	ZE 4: control winch 5 tolerable error, maximum theoretical load collective reached Output of error Check winch	A424		E	
432417	ZE 4: control winch 5 Brake pressure exists and brake is not actuated output of error Check: - Outlet LICCON, -Line for short circuit after supply voltage, hydraulic control hoist gear brake	A424		E	1
432418	ZE 4: control winch 5 Pressure too high when pump is not actuated Output of error Check pump or pressure sensor	A424		E	
432427	ZE 4: control winch 5 Rotational speed too high, current nominal value exceeded error report Check initial current and end current of pump and control motor, adj. if nec. Check hydraulic (espe.	A424		E	1
43242D	ZE 4: control winch 5 Impermissible rotation movement in lowering direction Error message. Shut down winch by closing winch brake Broken drive shaft. Hydraulic short circuit between LIFT and LOWER conn. Motor. Hose breakage. Hydraulic	A424		E	1
43242F	ZE 4: control winch 5 Repl. Pr. Switch continuous actuation or short circuit after VCC output of error Check: - input LICCON, line for short circuit after supply voltage, pressure switch for function	A424		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
432441	ZE 4: control winch 5 Rotation movement against selected movement direction Error message. Shut down winch by closing winch brake Check actuation of crane pump. Check winch turn sensor (count direction), check winch turn sensor(Anba	A424		E	1
432442	ZE 4: control winch 5 Rotation movement at non-actuated winch brake error report Check winch brake. Check winch turn sensor(installation)	A424		E	1
432500	ZE 4: control winch 6 no slewing movement recognized on actuated winch output of error check LICCON output, lines for short or break, incremental sensor on function, hoisting gear brake	A424		E	1
432502	ZE 4: control winch 6 hydraulic circuit pressure sensor defective/missing if valid winch torque for LMB is available this will be used, otherwise 0 bar is loaded into pressure value memory Observe system error for faulty or missing sensor.	A424		E	1
432503	ZE 4: control winch 6 Winch turn sensor, internal non-tolerable continuous error (P0=04H) Operation conditional switch off, may not be shunted in the LSB- sensor view of the test system: take over default values, otherwise replace sensor	A424		E	
432504	ZE 4: control winch 6 Winch turn sensor, internal non-tolerable continuous error (P0=08H/40H) Operation conditional switch off, may not be shunted replace sensor through new part	A424		E	
432505	ZE 4: control winch 6 Winch turn sensor, internal non-tolerable continuous error (P0=10H) Operation conditional switch off, may not be shunted Reload data on external EEPROM, otherwise replace external EEPROM	A424		E	
432506	ZE 4: control winch 6 Winch turn sensor, internal non-tolerable continuous error (P0=20H) Operation conditional switch off, may not be shunted Reload data on internal EEPROM, otherwise replace sensor	A424		E	
432507	ZE 4: control winch 6 Winch turn sensor, internal, non-tolerable partial error Operation conditional switch off, may not be shunted replace sensor through new part	A424		E	
432508	ZE 4: control winch 6 Winch turn sensor, tolerable error(P0=01H), sensor not exact Output of error (resolution of sensor is bad) Replace sensor in the meantime	A424		E	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
432509	ZE 4: control winch 6 Winch turn sensor, tolerable error(P0=02H), replace external EEPROM Output of error Replace sensor in the meantime	A424		E	
432510	ZE 4: control winch 6 Winch turn sensor, tolerable error (P0=04H) button pressed constantly Output of error, adjusting with button does not work Check button, replace sensor in the meantime, if necessary	A424		E	
432511	ZE 4: control winch 6 Winch turn sensor,tolerable error (P0=08H) pressure sensor1 not 4-20mA Output of error Check pressure sensor - Analog signal line to winch turn sensor, or replace this pressure sensor	A424		E	
432512	ZE 4: control winch 6 Winch turn sensor, tolerable error(P0=10H) pressure sensor2 not 4-20mA Output of error Check pressure sensor - Analog signal line to winch turn sensor, or replace this pressure sensor	A424		E	
432513	ZE 4: control winch 6 Winch turn sensor, tolerable error(P0=20H) Safety relay stuck Output of error, 2. shut off "Winch spooled out " does not work Replace sensor in the meantime	A424		E	
432514	ZE 4: control winch 6 Winch turn sensor, tolerable error(P0=40H) Output of error Replace sensor in the meantime	A424		E	
432515	ZE 4: control winch 6 tolerable error, maximum theoretical load collective reached Output of error Check winch	A424		E	
432517	ZE 4: control winch 6 Brake pressure exists and brake is not actuated output of error Check: - Outlet LICCON, -Line for short circuit after supply voltage, hydraulic control hoist gear brake	A424		E	1
432518	ZE 4: control winch 6 Pressure too high when pump is not actuated Output of error Check pump or pressure sensor	A424		E	
432527	ZE 4: control winch 6 Rotational speed too high, current nominal value exceeded error report Check initial current and end current of pump and control motor, adj. if nec. Check hydraulic (espe.	A424		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
43252D	ZE 4: control winch 6 Impermissible rotation movement in lowering direction Error message. Shut down winch by closing winch brake Broken drive shaft. Hydraulic short circuit between LIFT and LOWER conn. Motor. Hose breakage. Hydraulic	A424		E	1
43252F	ZE 4: control winch 6 Repl. Pr. Switch continuous actuation or short circuit after VCC output of error Check: - input LICCON, line for short circuit after supply voltage, pressure switch for function	A424		E	1
432541	ZE 4: control winch 6 Rotation movement against selected movement direction Error message. Shut down winch by closing winch brake Check actuation of crane pump. Check winch turn sensor (count direction), check winch turn sensor(Anba	A424		E	1
432542	ZE 4: control winch 6 Rotation movement at non-actuated winch brake error report Check winch brake. Check winch turn sensor(installation)	A424		E	1
435400	ZE 4: operation winch 5 Shut off pressure sensor "RFP SA-bracket" defective / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A424		B	
435401	ZE 4: operation winch 5 feed pressure supply missing/too low Operation conditional switch off, may not be shunted Reestablish charge pressure supply - shut-down may not be shunted	A424		B	
435403	ZE 4: operation winch 5 Shut-down jib lower Operation conditional switch off, may not be shunted Luff up jib until limit switch no longer activated - shut-down may not be shunted	A424		B	
435404	ZE 4: operation winch 5 unreeled winch shut-down Operation conditional switch off, may not be shunted reel in winch until the "winch reeled out" switch is no longer actuated - shut-down cannot be shunted	A424		B	
435405	ZE 4: operation winch 5 reeled winch shut-down Operation conditional switch off, may not be shunted Wind off winch until switch "Winch wound on" is no longer activated - shut-down may not be shunted	A424		B	
435406	ZE 4: operation winch 5 upper angle limit OGW shut-down operational shut down reel winch out until the radius is within the load chart again - shut-down can be shunted (danger)	A424		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
435407	ZE 4: operation winch 5 lower angle limit UGW shut-down operational shut down reel winch in until the radius is within the load chart again - shut-down can be shunted (danger)	A424		B	
43540D	ZE 4: operation winch 5 Shut off WA-Bock bottom Operation conditional switch off, may not be shunted reel winch in until limit switch is no longer actuated - shut-down cannot be shunted	A424		B	
435410	ZE 4: operation winch 5 fly jib upper stop shut-down Operation conditional switch off, may not be shunted Luff down jib until limit switch no longer activated - shut-down may not be activated	A424		B	
435411	ZE 4: operation winch 5 fly jib upper flap shut-down Operation conditional switch off, may not be shunted Luff down jib until limit switch no longer activated - shut-down may not be activated	A424		B	
435413	ZE 4: operation winch 5 shut-down as flap not positioned and angle threshold exceeded Operation conditional switch off, may not be shunted check as to why the flap is not in position - shut-down cannot be shunted	A424		B	
435414	ZE 4: operation winch 5 pressure retaining cylinder RFP N shut-down outside set range Operation conditional switch off, may not be shunted Wind off winch until pressure is once again within the desired range - shut-down may not be shunted .	A424		B	
435416	ZE 4: operation winch 5 luffing up accessory shut-down working area limitation ABB operational shut down reel winch out until crane in working area again - shunting through shutting down of working area limitation	A424		B	
435417	ZE 4: operation winch 5 luffing down accessory shut-down working area limitation ABB operational shut down reel winch in until crane in working area again - shunting through shutting down of working area limitation	A424		B	
435419	ZE 4: operation winch 5 no or invalid operation mode shut-down Operation conditional switch off, may not be shunted enter correct operation mode or dismantle accessory parts - shut-down cannot be shunted	A424		B	
435420	ZE 4: operation winch 5 LMB shut-down operational shut down Remedy cause of "LMB Stop" see error report LMB - shut-down may be shunted via assembly switch (danger).	A424		B	



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
435421	ZE 4: operation winch 5 Shut-down measuring point 1 > F max - operation Operation conditional switch off, may not be shunted Lower load or raise derrick ballast if possible or lay on additional derrick counterweight if possible.	A424		B	
435422	ZE 4: operation winch 5 Shut-down measuring point 1 > F max - assembly operational shut down Lower load or raise derrick ballast if possible or lay on additional derrick counterweight if possible.	A424		B	
435424	ZE 4: operation winch 5 Shut-down measuring point 1 < F min and count. utilisation > 50% Operation conditional switch off, may not be shunted Lower load or set down derrick counterweight if possible or wind off luffing gear if possible.	A424		B	
435425	ZE 4: operation winch 5 Shut-down measuring point 1 < F min and count. utilisation > 90% Operation conditional switch off, may not be shunted Lower load or set down derrick counterweight if possible or wind off luffing gear if possible.	A424		B	
435426	ZE 4: operation winch 5 Shut-down upper limit angle derrick OGWD operational shut down Operate derrick boom in operating position - shut-down may be shunted (danger).	A424		B	
435427	ZE 4: operation winch 5 Shut-down lower limit angle derrick UGWD operational shut down Operate derrick boom in operating position - shut-down may be shunted (danger).	A424		B	
435428	ZE 4: operation winch 5 Shut-down upper limit angle main boom Operation conditional switch off, may not be shunted Spool up - out winch 5 is only permitted at main boom positions small limit angle	A424		B	
435429	ZE 4: operation winch 5 winch blocked (C-key monitor) Operation conditional switch off, may not be shunted Authorise winch 5 in control diagram.	A424		B	
435430	ZE 4: operation winch 5 master switch 1 defective/missing operational shut down Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A424		B	
435431	ZE 4: operation winch 5 master switch 2 defective/missing operational shut down Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A424		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
435432	ZE 4: operation winch 5 master switch 3 defective/missing operational shut down Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A424		B	
435437	ZE 4: operation winch 5 Winch rotational sensor faulty / missing Operation conditional switch off, may not be shunted Check: -sensor for function, cables for interruption or short circuit	A424		B	
435438	ZE 4: operation winch 5 Shut-down upper limit angle accessory Operation conditional switch off, may not be shunted Luff up main boom during erection procedure, luff down main boom or accessory during setting down procedure.	A424		B	
435439	ZE 4: operation winch 5 seat contact shut-down operational shut down Sit down or actuate one of the shunting switches for the seat contact in the master switches.	A424		B	
43543E	ZE 4: operation winch 5 Shut off master switch zero position forced operational shut down Bring the master switch to neutral pos. and then deflect the desired movement again	A424		B	
435444	ZE 4: operation winch 5 Shut-off crane engine not running Output of error, crane function is not selected. Should crane function be required, start engine and re-actuate master switch.	A424		B	
435447	ZE 4: operation winch 5 Warning luffing up, dropping of load with reduction of reach Output of error Danger ! Reduction of radius affects no load capacity increase since falling load capacity at reduction of radius	A424		B	
435448	ZE 4: operation winch 5 Shut-down luffing up, dropping of load with reduction of reach operational shut down Remedy cause of "LMB Stop" see error report LMB - shut-down may be shunted via assembly switch (danger).	A424		B	
435450	ZE 4: operation winch 5 end of stroke switch shut-down 1 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A424		B	
435451	ZE 4: operation winch 5 end of stroke switch shut-down 2 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A424		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
435452	ZE 4: operation winch 5 end of stroke switch shut-down 3 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A424		B	
435457	ZE 4: operation winch 5 Shut-down press. SA-frame overtop guard cylinder < minimal press. Operation conditional switch off, may not be shunted Check pressure supply Relapse cylinders SA-frame	A424		B	
43545A	ZE 4: operation winch 5 Shut off Hoist limit switch 3 / 4 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A424		B	
435462	ZE 4: operation winch 5 Emerg. shut-off winch-winch rotational sensor interrupts brake control Emergency shut-down - raising / lowering winch only possible in emergency operation Check why "Winch wound out" shut-off did not function, lifting/lowering only possible with emergency operation (danger)	A424		B	
435463	ZE 4: operation winch 5 Crane engine in overspeed Operation conditional switch off, may not be shunted Check engine RPM shut off cannot be bypassed	A424		B	
435464	ZE 4: operation winch 5 Release pressure of brake fallen below Operation conditional switch off, may not be shunted Check release pressure of brake - shut off not bridgeable	A424		B	
435465	ZE 4: operation winch 5 Assembly switch is not turned on operational shut down Spool up - out winch 5 is only permitted with switched on installation switch .	A424		B	
435466	ZE 4: operation winch 5 Shut off pressure sensor "RFP main boom" defective / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A424		B	
435467	ZE 4: operation winch 5 Shut off pressure sensor "RFP Derrick" defective / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A424		B	
43546F	ZE 4: operation winch 5 Shut off both limit switches "WA-Bock bottom" incorrect / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A424		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
435470	ZE 4: operation winch 5 shut-down both limit switches "flap in position" defect./missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A424		B	
435472	ZE 4: operation winch 5 shut-down both angle sensors "fly jib" defective/missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A424		B	
435473	ZE 4: operation winch 5 shut-down both limit switches "lower fly jib" defective/missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A424		B	
435474	ZE 4: operation winch 5 shut-down both limit switches "upper fly jib flap" defect./missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A424		B	
435475	ZE 4: operation winch 5 shut-down both limit switches "upper fly jib stop"defect./missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A424		B	
43547A	ZE 4: operation winch 5 Shut off Radio assembly BTT-E Main boom angle exceeded	A424		B	
43547C	ZE 4: operation winch 5 Shut off Radio assembly BTT-E Accessory angle exceeded	A424		B	
435481	ZE 4: operation winch 5 end of stroke switch 1 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A424		B	
435482	ZE 4: operation winch 5 end of stroke switch 2 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A424		B	
435483	ZE 4: operation winch 5 end of stroke switch 3 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A424		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
43548B	ZE 4: operation winch 5 Shut off Hoist limit switch 3 / 4 erroneous operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A424		B	
43549A	ZE 4: operation winch 5 Shut off Pressure relapse cyl. Main boom less than min. pressure Operation conditional switch off, may not be shunted Check pressure supply Relapse cylinders main boom	A424		B	
43549B	ZE 4: operation winch 5 Shut off Pressure relapse cyl. Derrick less than min. pressure Operation conditional switch off, may not be shunted Check pressure supply Relapse cylinders Derrick	A424		B	
4354B3	ZE 4: operation winch 5 Shut off Test point 1 < F min and upper limit angle Derrick OGWD operational shut down If possible, move derrick boom in op. position, for that assembly - winch 4 can be lowered	A424			
4354B5	ZE 4: operation winch 5 Master switch right BTTE erroneous/missing operational shut down Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A424		B	
435500	ZE 4: operation winch 6 Shut off pressure sensor "RFP SA-bracket" defective / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A424		B	
435501	ZE 4: operation winch 6 feed pressure supply missing/too low Operation conditional switch off, may not be shunted Reestablish charge pressure supply - shut-down may not be shunted	A424		B	
435504	ZE 4: operation winch 6 unreeled winch shut-down Operation conditional switch off, may not be shunted reel in winch until the "winch reeled out" switch is no longer actuated - shut-down cannot be shunted	A424		B	
435505	ZE 4: operation winch 6 reeled winch shut-down Operation conditional switch off, may not be shunted reel out winch until the "winch reeled in" switch is no longer actuated -shut-down cannot be shunted	A424		B	
435519	ZE 4: operation winch 6 no or invalid operation mode shut-down Operation conditional switch off, may not be shunted enter correct operation mode or dismantle accessory parts - shut-down cannot be shunted	A424		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
435520	ZE 4: operation winch 6 LMB shut-down operational shut down Remedy cause of "LMB Stop" see error report LMB - shut-down may be shunted via assembly switch (danger).	A424		B	
435521	ZE 4: operation winch 6 Shut-down measuring point 1 > F max - operation operational shut down Lower load or raise derrick ballast if possible or lay on additional derrick counterweight if possible.	A424		B	
435522	ZE 4: operation winch 6 Shut-down measuring point 1 > F max - assembly Operation conditional switch off, may not be shunted Lower load or raise derrick ballast if possible or lay on additional derrick counterweight if possible.	A424		B	
435524	ZE 4: operation winch 6 Shut-down measuring point 1 < F min and count. utilisation > 50% Operation conditional switch off, may not be shunted Lower load or set down derrick counterweight if possible or wind off luffing gear if possible.	A424		B	
435525	ZE 4: operation winch 6 Shut-down measuring point 1 < F min and count. utilisation > 90% Operation conditional switch off, may not be shunted Set down derrick counterweight on ground, if not possible unload derrick counterweight, until forces in desired range	A424		B	
435526	ZE 4: operation winch 6 Shut-down upper limit angle derrick OGWD operational shut down Operate derrick boom in operating position - shut-down may be shunted (danger).	A424		B	
435527	ZE 4: operation winch 6 Shut-down lower limit angle derrick UGWD operational shut down Operate derrick boom in operating position - shut-down may be shunted (danger).	A424		B	
435529	ZE 4: operation winch 6 winch blocked (C-key monitor) Operation conditional switch off, may not be shunted Authorise winch 6 in control diagram.	A424		B	
435531	ZE 4: operation winch 6 master switch 2 defective/missing operational shut down Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A424		B	
435532	ZE 4: operation winch 6 master switch 3 defective/missing operational shut down Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A424		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
435537	ZE 4: operation winch 6 Winch rotational sensor faulty / missing Operation conditional switch off, may not be shunted Check: -sensor for function, cables for interruption or short circuit	A424		B	
435539	ZE 4: operation winch 6 seat contact shut-down operational shut down Sit down or actuate one of the shunting switches for the seat contact in the master switches.	A424		B	
43553E	ZE 4: operation winch 6 Shut off master switch zero position forced operational shut down Bring the master switch to neutral pos. and then deflect the desired movement again	A424		B	
435544	ZE 4: operation winch 6 Shut-off crane engine not running Output of error, crane function is not selected. Should crane function be required, start engine and re-actuate master switch.	A424		B	
435550	ZE 4: operation winch 6 end of stroke switch shut-down 1 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A424		B	
435551	ZE 4: operation winch 6 end of stroke switch shut-down 2 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A424		B	
435552	ZE 4: operation winch 6 end of stroke switch shut-down 3 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A424		B	
435557	ZE 4: operation winch 6 Shut-down press. SA-frame overtop guard cylinder < minimal press. Operation conditional switch off, may not be shunted Check pressure supply Relapse cylinders SA-frame	A424		B	
43555A	ZE 4: operation winch 6 Shut off Hoist limit switch 3 / 4 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A424		B	
435562	ZE 4: operation winch 6 Emerg. shut-off winch-winch rotational sensor interrupts brake control Emergency shut-down - raising / lowering winch only possible in emergency operation Check why "Winch wound out" shut-off did not function, lifting/lowering only possible with emergency operation (danger)	A424		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
435563	ZE 4: operation winch 6 Crane engine in overspeed Operation conditional switch off, may not be shunted Check engine RPM shut off cannot be bypassed	A424		B	
435564	ZE 4: operation winch 6 Release pressure of brake fallen below Operation conditional switch off, may not be shunted Check release pressure of brake - shut off not bridgeable	A424		B	
435566	ZE 4: operation winch 6 Shut off pressure sensor "RFP main boom" defective / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A424		B	
435567	ZE 4: operation winch 6 Shut off pressure sensor "RFP Derrick" defective / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A424		B	
43557A	ZE 4: operation winch 6 Shut off Radio assembly BTT-E Main boom angle exceeded	A424		B	
43557C	ZE 4: operation winch 6 Shut off Radio assembly BTT-E Accessory angle exceeded	A424		B	
435581	ZE 4: operation winch 6 end of stroke switch 1 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A424		B	
435582	ZE 4: operation winch 6 end of stroke switch 2 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A424		B	
435583	ZE 4: operation winch 6 end of stroke switch 3 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A424		B	
43558B	ZE 4: operation winch 6 Shut off Hoist limit switch 3 / 4 erroneous operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A424		B	



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
43559A	ZE 4: operation winch 6 Shut off Pressure relapse cyl. Main boom less than min. pressure Operation conditional switch off, may not be shunted Check pressure supply Relapse cylinders main boom	A424		B	
43559B	ZE 4: operation winch 6 Shut off Pressure relapse cyl. Derrick less than min. pressure Operation conditional switch off, may not be shunted Check pressure supply Relapse cylinders Derrick	A424		B	
4355B3	ZE 4: operation winch 6 Shut off Test point 1 < F min and upper limit angle Derrick OGWD operational shut down If possible, move derrick boom in op. position, for that assembly - winch 4 can be lowered	A424			
4355B5	ZE 4: operation winch 6 Master switch right BTTE erroneous/missing operational shut down Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A424		B	
436942	ZE 4: Operation crane control Emergency op. crane cont. switched on with start test-safety chain report of error, otherwise no reaction Switch off emergency operation, restart LICCON, test safety chain will then be carried out	A424		E	1
436943	ZE 4: Operation crane control Emergency op. crane control switched on during test-safety chain report of error, otherwise no reaction Switch off emergency operation, restart LICCON, test safety chain will then be carried out	A424		E	1
436948	ZE 4: Operation crane control Selection bypass hoist top - not possible - try again operational shut down Bypass is only permitted on limited basis and time controlled, possibly bypass can be reactivated	A424		B	2
436949	ZE 4: Operation crane control Selection bypass LMB - not possible - try again operational shut down Bypass is only permitted on limited basis and time controlled, possibly bypass can be reactivated	A424		B	2
43694A	ZE 4: Operation crane control Selection bypass LMB - not permissible for this utilization	A424		B	2
43694E	ZE 4: Operation crane control Caution special function for reductions/ bypasses activated Special function as desired issue of op. error Change data word DWx.xxx or turn ignition off / on	A424		B	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
43694F	ZE 4: Operation crane control Caution, Activation EN13000 not possible EN 13000 is deactivated or cannot be activated, since option 85% chart is activated Activation of bypass acc. EN 13000 here not possible.	A424		B	2
436955	ZE 4: Operation crane control Selection bypass LMB not permissible for this F1-utilization	A424		B	2
43695B	ZE 4: Operation crane control Selection bypass hoist top not possible - no shut off	A424		B	2
43695C	ZE 4: Operation crane control Selection this bypass not possible - sensor defect	A424		B	2
43695F	ZE 4: Operation crane control Selection bypass not possible - crane engine still running	A424		B	2
436960	ZE 4: Operation crane control Selection bypass not possible - seat contact not actuated	A424		B	2
436962	ZE 4: Operation crane control Selection bypass not possible - zero pos. force required	A424		B	2
461001	E/A-Modul 4: system error OS-C167 initialising error processor-register erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A14		E	2
461002	E/A-Modul 4: system error OS-C167 initialising error test total in EPROM/FLASH erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A14		E	2
461006	E/A-Modul 4: system error OS-C167 initialising error RAM erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A14		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
461013	E/A-Modul 4: system error OS-C167 test total in EPROM/FLASH erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A14		E	2
461016	E/A-Modul 4: system error OS-C167 system-, driver-watchdog expired error indication on display note error report, ignition ON/OFF, with repeated occurrence --> inform after-sales service	A14		E	2
461068	E/A-Modul 4: system error OS-C167 impermissible interrupt error indication on display note error report, ignition ON/OFF, with repeated occurrence --> inform after-sales service	A14		E	2
461071	E/A-Modul 4: system error OS-C167 Invalid configuration or Firmware error indication on display re-load Software from ZE	A14		E	2
461080	E/A-Modul 4: system error OS-C167 fatal internal software error error indication on display note error report, ignition ON/OFF, with repeated occurrence --> inform after-sales service	A14		E	2
461082	E/A-Modul 4: system error OS-C167 hardware-watchdog erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A14		E	2
472052	E/A-Modul 4: input/output DEA0 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A14.X3:17		E	1
472053	E/A-Modul 4: input/output DEA0 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A14.X3:17		E	1
472054	E/A-Modul 4: input/output DEA0 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A14.X3:17		E	1
472055	E/A-Modul 4: input/output DEA0 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A14.X3:17		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
472152	E/A-Modul 4: input/output DEA1 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A14.X3:15		E	1
472153	E/A-Modul 4: input/output DEA1 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A14.X3:15		E	1
472154	E/A-Modul 4: input/output DEA1 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A14.X3:15		E	1
472155	E/A-Modul 4: input/output DEA1 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A14.X3:15		E	1
472252	E/A-Modul 4: input/output DEA2 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A14.X3:13		E	1
472253	E/A-Modul 4: input/output DEA2 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A14.X3:13		E	1
472254	E/A-Modul 4: input/output DEA2 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A14.X3:13		E	1
472255	E/A-Modul 4: input/output DEA2 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A14.X3:13		E	1
472352	E/A-Modul 4: input/output DEA3 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A14.X3:11		E	1
472353	E/A-Modul 4: input/output DEA3 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A14.X3:11		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
472354	E/A-Modul 4: input/output DEA3 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A14.X3:11		E	1
472355	E/A-Modul 4: input/output DEA3 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A14.X3:11		E	1
472452	E/A-Modul 4: input/output DEA4 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A14.X3:9		E	1
472453	E/A-Modul 4: input/output DEA4 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A14.X3:9		E	1
472454	E/A-Modul 4: input/output DEA4 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A14.X3:9		E	1
472455	E/A-Modul 4: input/output DEA4 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A14.X3:9		E	1
472552	E/A-Modul 4: input/output DEA5 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A14.X3:7		E	1
472553	E/A-Modul 4: input/output DEA5 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A14.X3:7		E	1
472554	E/A-Modul 4: input/output DEA5 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A14.X3:7		E	1
472555	E/A-Modul 4: input/output DEA5 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A14.X3:7		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
472652	E/A-Modul 4: input/output DEA6 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A14.X3:5		E	1
472653	E/A-Modul 4: input/output DEA6 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A14.X3:5		E	1
472654	E/A-Modul 4: input/output DEA6 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A14.X3:5		E	1
472655	E/A-Modul 4: input/output DEA6 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A14.X3:5		E	1
472752	E/A-Modul 4: input/output DEA7 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A14.X3:3		E	1
472753	E/A-Modul 4: input/output DEA7 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A14.X3:3		E	1
472754	E/A-Modul 4: input/output DEA7 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A14.X3:3		E	1
472755	E/A-Modul 4: input/output DEA7 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A14.X3:3		E	1
473017	E/A-Modul 4: current input E0 voltage below required value on both support operating units "E." is flashing on the display for support force front left check input signal on the E/A-Modul or sensor	A14.X2:17		E	1
473080	E/A-Modul 4: current input E0 short circuit to ground, open line, voltage sensor erroneous on both support operating units "E." is flashing on the display for support force front left check input signal on the E/A-Modul or sensor	A14.X2:17		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
473117	E/A-Modul 4: current input E1 voltage below required value on both support operating units "E." is flashing on the display for support force rear left check input signal on the E/A-Modul or sensor	A14.X2:15		E	1
473180	E/A-Modul 4: current input E1 short circuit to ground, open line, voltage sensor erroneous on both support operating units "E." is flashing on the display for support force rear left check input signal on the E/A-Modul or sensor	A14.X2:15		E	1
479052	E/A-Modul 4: output A0 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A14.X3:18		E	1
479053	E/A-Modul 4: output A0 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A14.X3:18		E	1
479054	E/A-Modul 4: output A0 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A14.X3:18		E	1
479055	E/A-Modul 4: output A0 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A14.X3:18		E	1
479152	E/A-Modul 4: output A1 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A14.X3:16		E	1
479153	E/A-Modul 4: output A1 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A14.X3:16		E	1
479154	E/A-Modul 4: output A1 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A14.X3:16		E	1
479155	E/A-Modul 4: output A1 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A14.X3:16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
479250	E/A-Modul 4: bridge output A2 short circuit to ground, junction not supplied error report on display check output for short, check current supply of load, if necessary replace E/A-Modul	A14.X3:14		E	1
479251	E/A-Modul 4: bridge output A2 short circuit to supply voltage, excessive temperature error report on display check output for short, check output load (measure load current), if necessary replace E/A-Modul	A14.X3:14		E	1
479252	E/A-Modul 4: bridge output A2 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A14.X3:14		E	1
479253	E/A-Modul 4: bridge output A2 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A14.X3:14		E	1
479254	E/A-Modul 4: bridge output A2 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A14.X3:14		E	1
479255	E/A-Modul 4: bridge output A2 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A14.X3:14		E	1
479350	E/A-Modul 4: bridge output A3 short circuit to ground, junction not supplied error report on display check output for short, check current supply of load, if necessary replace E/A-Modul	A14.X3:12		E	1
479351	E/A-Modul 4: bridge output A3 short circuit to supply voltage, excessive temperature error report on display check output for short, check output load (measure load current), if necessary replace E/A-Modul	A14.X3:12		E	1
479352	E/A-Modul 4: bridge output A3 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A14.X3:12		E	1
479353	E/A-Modul 4: bridge output A3 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A14.X3:12		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
479354	E/A-Modul 4: bridge output A3 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A14.X3:12		E	1
479355	E/A-Modul 4: bridge output A3 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A14.X3:12		E	1
483601	E/A-Modul 4: SPI-support unit left Faulty data transfer E/A-module<->unit (time exceeded) error indication on display system re-starts SPI-driver and eliminates error independently, with repeated occurrence replace E/A-Modul	A14.X4:1/2/3/5/ 6/7/8		E	1
483602	E/A-Modul 4: SPI-support unit left Serious system error to SPI-connection (interface) error indication on display system re-starts SPI-driver and eliminates error independently, with repeated occurrence replace E/A-Modul	A14.X4:1/2/3/5/ 6/7/8		E	1
483603	E/A-Modul 4: SPI-support unit left break in line or short circuit to supply voltage error indication on display remedy short circuit, check periphery and replace if necessary, check E/A-Modul and replace if necessary	A14.X4:1/2/3/5/ 6/7/8		E	1
483604	E/A-Modul 4: SPI-support unit left break in line or short circuit to ground error indication on display remedy short circuit, check periphery and replace if necessary, check E/A-Modul and replace if necessary	A14.X4:1/2/3/5/ 6/7/8		E	1
483606	E/A-Modul 4: SPI-support unit left Data transfer faulty (faulty check byte) error indication on display suppress EMV- interference	A14.X4:1/2/3/5/ 6/7/8		E	1
483607	E/A-Modul 4: SPI-support unit left Unit faulty/missing, incorrect unit inserted (ID) error indication on display check periphery and replace if necessary, check Software version, check EMV- interference	A14.X4:1/2/3/5/ 6/7/8		E	1
483608	E/A-Modul 4: SPI-support unit left Data transfer faulty (incorrect number of data bytes received) error indication on display system re-starts SPI-driver and eliminates error independently, with repeated occurrence replace E/A-Modul	A14.X4:1/2/3/5/ 6/7/8		E	1
483900	E/A-Modul 4: Control operating unit (SPI) Faulty initialisation data connection E/A-module<->unit error indication on display system re-starts SPI-driver and eliminates error independently, with repeated occurrence replace E/A-Modul	A14.X4:1/2/3/5/ 6/7/8		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
483902	E/A-Modul 4: Control operating unit (SPI) Serious system error to SPI-connection (interface) error indication on display system re-starts SPI-driver and eliminates error independently, with repeated occurrence replace E/A-Modul	A14.X4:1/2/3/5/ 6/7/8		E	1
483905	E/A-Modul 4: Control operating unit (SPI) Initialisation error, resetting inputs/outputs faulty error indication on display check wiring, check periphery and replace if necessary, check E/A-Modul and replace if necessary	A14.X4:1/2/3/5/ 6/7/8		E	1
483907	E/A-Modul 4: Control operating unit (SPI) Unit faulty/missing, incorrect unit inserted (ID) error indication on display connect functional periphery unit, system then eliminates error independently	A14.X4:1/2/3/5/ 6/7/8		E	1
483908	E/A-Modul 4: Control operating unit (SPI) Data transfer faulty (incorrect number of data bytes received) error indication on display system re-starts SPI-driver and eliminates error independently, with repeated occurrence replace E/A-Modul	A14.X4:1/2/3/5/ 6/7/8		E	1
484050	E/A-Modul 4: LSB-B participant address 0 reports an incorrect sensor type  Check Bus configuration in LSB test system, remove faulty / incorrect users from Bus	A14.X3:4/6		E	1
487252	E/A-Modul 4: Control data transfer LSB-B has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A14.X3:4/6		E	0
487255	E/A-Modul 4: Control data transfer LSB-B Bus connection faulty/defect, short circuit to supply voltage entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A14.X3:4/6		E	2
487256	E/A-Modul 4: Control data transfer LSB-B Bus connection faulty/defect, no supply/short circuit to earth entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A14.X3:4/6		E	2
487257	E/A-Modul 4: Control data transfer LSB-B has recognised network re-set (data transfer starts again) entry in error memory, driver re-starts and runs re-booting of network check bus lines, withdraw sensors successively from bus until malfunction source recognised, replace defective part	A14.X3:4/6		E	1
487258	E/A-Modul 4: Control data transfer LSB-B recognised participant with incorrect baud rate in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated from system itself, check address assignment of sensors	A14.X3:4/6		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
487259	E/A-Modul 4: Control data transfer LSB-B recognised communication breakdown in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated by driver through re-booting of network	A14.X3:4/6		E	0
487260	E/A-Modul 4: Control data transfer LSB-B driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant with temporary malfunctions error will be eliminated by system itself, with incorrect configuration install new software	A14.X3:4/6		E	2
487261	E/A-Modul 4: Control data transfer LSB-B driver error: undefined message appears entry in error memory, driver re-starts and runs re-booting of network with temporary malfunc. error will be eliminated by system itself otherwise new Software necessary for error elimination	A14.X3:4/6		E	2
487262	E/A-Modul 4: Control data transfer LSB-B Driver error: Initialization error entry in error memory, driver re-starts and runs re-booting of network new Software is necessary for error elimination	A14.X3:4/6		E	2
492831	E/A-Modul 4: control supports location coding for left support unit erroneous (set value = 1) support functions are blocked check line connection to E/A-Modul, check power supply from signal, replace E/A-Modul	A14		E	2
492833	E/A-Modul 4: control supports left support unit key sticking or activated after switching on left support blocked check/unplug/replace support operating unit release activated key	A14		E	1
494190	E/A-Modul 4: LSB-bus participant ZE missing communication with participant not possible, after re-starting of bus communication error will be reset check LSB-network, check participant	A14		E	1
494193	E/A-Modul 4: LSB-bus participant E/A-Modul 3 missing communication with participant not possible, after re-starting of bus communication error will be reset check LSB-network, check participant	A14		E	1
494196	E/A-Modul 4: LSB-bus participant E/A-Modul 6 missing communication with participant not possible, after re-starting of bus communication error will be reset check LSB-network, check participant	A14		E	1
496408	E/A-Modul 4: operation supports unauthorised operation from upper-carriage function is not carried out check coding of E/A-Modul 3 and E/A-Modul 4 (see electric circuit diagram)	A14		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
496409	E/A-Modul 4: operation supports unauthorised operation from under-carriage function is not carried out check coding of E/A-Modul 3 and E/A-Modul 4 (see electric circuit diagram)	A14		B	
496440	E/A-Modul 4: operation supports simultaneous UP and DOWN operation of support control unit function is not carried out actuate UP key or DOWN key of the respective support operating unit, start test program support service unit	A14		B	
496441	E/A-Modul 4: operation supports simultaneous IN and OUT operation of support control unit function is not carried out actuate OFF key or ON key of the respective support operating unit, start test program support operating unit	A14		B	
496442	E/A-Modul 4: operation supports simultaneous UP and DOWN operation on upper-carriage monitor function is not carried out actuate UP key or DOWN key of the respective support operating unit, start test program support service unit	A14		B	
496443	E/A-Modul 4: operation supports simultaneous IN and OUT operation on upper-carriage monitor function is not carried out actuate OFF key or ON key of the respective support operating unit, start test program support operating unit	A14		B	
496444	E/A-Modul 4: operation supports simultaneous left and right operation of support control unit function is not carried out activate support from only one operating position or start test program support operating unit	A14		B	
496445	E/A-Modul 4: operation supports simultaneous operation of support control unit and upper-carriage function is not carried out activate support from only one operating position or start test program support operating unit	A14		B	
496446	E/A-Modul 4: operation supports simultaneous operation of support control unit and upper-carriage function is not carried out activate support from only one operating position or start test program support operating unit	A14		B	
496447	E/A-Modul 4: operation supports operation of support control unit with travel direction D engaged function is not carried out switch transmission to neutral (N)	A14		B	
496448	E/A-Modul 4: operation supports operation of support control unit with travel direction R engaged function is not carried out switch transmission to neutral (N)	A14		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
496449	E/A-Modul 4: operation supports op. of upper-carriage monitor with travel direction D engaged function is not carried out switch transmission to neutral (N)	A14		B	
496450	E/A-Modul 4: operation supports operation of upper-carriage-monitor R function is not carried out switch transmission to neutral (N)	A14		B	
496452	E/A-Modul 4: operation supports unauthorised activation of left support control unit key left support blocked release activated key after having authorized function through hand- key	A14		B	
499890	E/A-Modul 4: operation diagnosis system test program not executable as engine is not OFF function is not carried out shut down engine	A14		B	
499892	E/A-Modul 4: operation diagnosis system test program not executable as not in under-carriage op. mode function is not carried out switch over uppercarriage/undercarriage-change-switch to undercarriage operation mode	A14		B	
4C4F43	LSB-BSE0: Job planner This is a non-relevant Service note Issue Service notice! No remedy required!			S	
500001	ZE 5: system error OS-HC11 (observe parameters) initialising error processor-register erroneous no crane operation possible check program memory card or ZE	A425		E	2
500002	ZE 5: system error OS-HC11 (observe parameters) initialising error test total in EPROM/FLASH erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A425		E	2
500006	ZE 5: system error OS-HC11 (observe parameters) initialising error RAM erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A425		E	2
500007	ZE 5: system error OS-HC11 (observe parameters) UART erroneous entry in error memory, all crane movements will be stopped 0.0	A425		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
500010	ZE 5: system error OS-HC11 (observe parameters) system routine inaccessible entry in error memory, all crane movements will be stopped check ZE	A425		E	2
500011	ZE 5: system error OS-HC11 (observe parameters) ZE-watchdog expired entry in error memory, no crane operation possible check program memory card	A425		E	2
500012	ZE 5: system error OS-HC11 (observe parameters) type-identification in EPROM erroneous entry in error memory, all crane movements will be stopped check program memory card	A425		E	2
500013	ZE 5: system error OS-HC11 (observe parameters) Test sum in FLASH erroneous entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500014	ZE 5: system error OS-HC11 (observe parameters) program already running entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500015	ZE 5: system error OS-HC11 (observe parameters) program not available entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500016	ZE 5: system error OS-HC11 (observe parameters) system-, driver-watchdog expired entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500017	ZE 5: system error OS-HC11 (observe parameters) total of CPU-time distribution too great entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500018	ZE 5: system error OS-HC11 (observe parameters) arithmetic overflow (16 Bit) entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500019	ZE 5: system error OS-HC11 (observe parameters) division through zero (16 Bit) entry in error memory, all crane movements will be stopped 0.0	A425		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
500020	ZE 5: system error OS-HC11 (observe parameters) task-watchdog expired entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A425		E	2
500021	ZE 5: system error OS-HC11 (observe parameters) illegal opcode trap entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500022	ZE 5: system error OS-HC11 (observe parameters) task inactive entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500023	ZE 5: system error OS-HC11 (observe parameters) program incapable of running (type identification) entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500024	ZE 5: system error OS-HC11 (observe parameters) task already used entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500025	ZE 5: system error OS-HC11 (observe parameters) realtime-module already used entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500026	ZE 5: system error OS-HC11 (observe parameters) regulator-module already used entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500030	ZE 5: system error OS-HC11 (observe parameters) unacceptable bank address entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500041	ZE 5: system error OS-HC11 (observe parameters) arithmetic error entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500044	ZE 5: system error OS-HC11 (observe parameters) output parameter without effect, from inactive output entry in error memory, all crane movements will be stopped 0.0	A425		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
500045	ZE 5: system error OS-HC11 (observe parameters) entry parameter undefined, from inactive input entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500046	ZE 5: system error OS-HC11 (observe parameters) impermissible regulator parameter entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500047	ZE 5: system error OS-HC11 (observe parameters) realtime-control block not available entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500048	ZE 5: system error OS-HC11 (observe parameters) realtime-control block inactive entry in error memory, no crane operation possible check ZE	A425		E	2
500049	ZE 5: system error OS-HC11 (observe parameters) urgent modul, ZE not available entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500050	ZE 5: system error OS-HC11 (observe parameters) file not available entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500051	ZE 5: system error OS-HC11 (observe parameters) file already opened entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500052	ZE 5: system error OS-HC11 (observe parameters) file not open on close entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500053	ZE 5: system error OS-HC11 (observe parameters) system mask not available entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500054	ZE 5: system error OS-HC11 (observe parameters) system text not available entry in error memory, all crane movements will be stopped 0.0	A425		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
500055	ZE 5: system error OS-HC11 (observe parameters) symbol not available entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500056	ZE 5: system error OS-HC11 (observe parameters) invalid mark in symbol entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500057	ZE 5: system error OS-HC11 (observe parameters) default load chart missing entry in error memory, all crane movements will be stopped check wiring	A425		E	2
500058	ZE 5: system error OS-HC11 (observe parameters) amplifier erroneous or return power feed entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500059	ZE 5: system error OS-HC11 (observe parameters) subroutine not reentrant entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A425		E	2
500060	ZE 5: system error OS-HC11 (observe parameters) transmission error SCI entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A425		E	2
500061	ZE 5: system error OS-HC11 (observe parameters) SCI-BREAK entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A425		E	2
500062	ZE 5: system error OS-HC11 (observe parameters) SCI not connected entry in error memory, all crane movements will be stopped check monitor ZE and connection cable	A425		E	2
500063	ZE 5: system error OS-HC11 (observe parameters) monitor error in operation entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500065	ZE 5: system error OS-HC11 (observe parameters) impermissible bus address entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A425		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
500066	ZE 5: system error OS-HC11 (observe parameters) ADC working outside the permissible tolerance entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A425		E	2
500067	ZE 5: system error OS-HC11 (observe parameters) arithmetic processor not available entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A425		E	2
500068	ZE 5: system error OS-HC11 (observe parameters) impermissible interrupt entry in error memory, no crane operation possible 0.0	A425		E	2
500070	ZE 5: system error OS-HC11 (observe parameters) various structure versions entry in error memory, no crane operation possible 0.0	A425		E	2
500071	ZE 5: system error OS-HC11 (observe parameters) Structure file missing or faulty entry in error memory, no crane operation possible 0.0	A425		E	2
500072	ZE 5: system error OS-HC11 (observe parameters) structure entry senseless entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500073	ZE 5: system error OS-HC11 (observe parameters) interpreter error entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500074	ZE 5: system error OS-HC11 (observe parameters) transformation ASCII to BIN erroneous entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A425		E	2
500075	ZE 5: system error OS-HC11 (observe parameters) SPI-error entry in error memory, all crane movements will be stopped check memory card in power supply unit	A425		E	2
500076	ZE 5: system error OS-HC11 (observe parameters) incorrectly inserted power unit entry in error memory, all crane movements will be stopped 0.0	A425		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
500077	ZE 5: system error OS-HC11 (observe parameters) BAF-call-up erroneous entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500078	ZE 5: system error OS-HC11 (observe parameters) impermissible parameter entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500079	ZE 5: system error OS-HC11 (observe parameters) no right of access entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500080	ZE 5: system error OS-HC11 (observe parameters) Fatal internal error entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500081	ZE 5: system error OS-HC11 (observe parameters) stack overflow entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A425		E	2
500082	ZE 5: system error OS-HC11 (observe parameters) hardware-watchdog erroneous entry in error memory, all crane movements will be stopped check ZE, bus circuit board, power supply unit	A425		E	2
500094	ZE 5: system error OS-HC11 (observe parameters) transmission error parallel bus entry in error memory, all crane movements will be stopped check ZE, bus circuit board, power supply unit	A425		E	2
500095	ZE 5: system error OS-HC11 (observe parameters) DMA-error entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A425		E	2
500099	ZE 5: system error OS-HC11 (observe parameters) DSP0 erroneous 0.0 0.0	A425		E	2
502001	ZE 5: system error OS-TMS initialising error processor-register erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A425		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
502002	ZE 5: system error OS-TMS initialising error test total in EPROM/FLASH erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A425		E	2
502006	ZE 5: system error OS-TMS initialising error RAM erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A425		E	2
502007	ZE 5: system error OS-TMS UART erroneous entry of error in error memory, all crane movements will be stopped replace ZE	A425		E	2
502020	ZE 5: system error OS-TMS task-watchdog expired entry of error in error memory, all crane movements will be stopped elimination only possible through after-sales service	A425		E	2
502021	ZE 5: system error OS-TMS illegal opcode trap entry of error in error memory, all crane movements will be stopped elimination only possible through after-sales service	A425		E	2
502082	ZE 5: system error OS-TMS hardware-watchdog erroneous entry of error in error memory, all crane movements will be stopped elimination only possible through after-sales service	A425		E	2
510012	ZE 5: output 0 short circuit to ground	A425.X1:16		E	1
510013	ZE 5: output 0 open signal circuits	A425.X1:16		E	1
510014	ZE 5: output 0 short circuit to supply voltage	A425.X1:16		E	1
510054	ZE 5: output 0 short circuit to supply voltage	A425.X1:16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
510058	ZE 5: output 0 positive switching transistor: disruption	A425.X1:16		E	1
510060	ZE 5: output 0 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A425.X1:16		E	1
510062	ZE 5: output 0 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A425.X1:16		E	1
510063	ZE 5: output 0 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A425.X1:16		E	1
510070	ZE 5: output 0 measuring system defect no crane operation possible entry in error list	A425.X1:16		E	1
510071	ZE 5: output 0 short circuit to ground or transistor defect	A425.X1:16		E	1
510072	ZE 5: output 0 outside source feeding	A425.X1:16		E	1
510073	ZE 5: output 0 open circuit or short circuit to supply voltage/ground	A425.X1:16		E	1
510112	ZE 5: output 1 short circuit to ground	A425.X1:17		E	1
510113	ZE 5: output 1 open signal circuits	A425.X1:17		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
510114	ZE 5: output 1 short circuit to supply voltage	A425.X1:17		E	1
510154	ZE 5: output 1 short circuit to supply voltage	A425.X1:17		E	1
510158	ZE 5: output 1 positive switching transistor: disruption	A425.X1:17		E	1
510160	ZE 5: output 1 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A425.X1:17		E	1
510162	ZE 5: output 1 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A425.X1:17		E	1
510163	ZE 5: output 1 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A425.X1:17		E	1
510170	ZE 5: output 1 measuring system defect no crane operation possible entry in error list	A425.X1:17		E	1
510171	ZE 5: output 1 short circuit to ground or transistor defect	A425.X1:17		E	1
510172	ZE 5: output 1 outside source feeding	A425.X1:17		E	1
510173	ZE 5: output 1 open circuit or short circuit to supply voltage/ground	A425.X1:17		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
510212	ZE 5: output 2 short circuit to ground	A425.X1:18		E	1
510213	ZE 5: output 2 open signal circuits	A425.X1:18		E	1
510214	ZE 5: output 2 short circuit to supply voltage	A425.X1:18		E	1
510254	ZE 5: output 2 short circuit to supply voltage	A425.X1:18		E	1
510258	ZE 5: output 2 positive switching transistor: disruption	A425.X1:18		E	1
510270	ZE 5: output 2 measuring system defect no crane operation possible entry in error list	A425.X1:18		E	1
510271	ZE 5: output 2 short circuit to ground or transistor defect	A425.X1:18		E	1
510272	ZE 5: output 2 outside source feeding	A425.X1:18		E	1
510273	ZE 5: output 2 open circuit or short circuit to supply voltage/ground	A425.X1:18		E	1
510312	ZE 5: output 3 short circuit to ground	A425.X1:19		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
510313	ZE 5: output 3 open signal circuits	A425.X1:19		E	1
510314	ZE 5: output 3 short circuit to supply voltage	A425.X1:19		E	1
510354	ZE 5: output 3 short circuit to supply voltage	A425.X1:19		E	1
510358	ZE 5: output 3 positive switching transistor: disruption	A425.X1:19		E	1
510370	ZE 5: output 3 measuring system defect no crane operation possible entry in error list	A425.X1:19		E	1
510371	ZE 5: output 3 short circuit to ground or transistor defect	A425.X1:19		E	1
510372	ZE 5: output 3 outside source feeding	A425.X1:19		E	1
510373	ZE 5: output 3 open circuit or short circuit to supply voltage/ground	A425.X1:19		E	1
510412	ZE 5: output 4 short circuit to ground	A425.X1:20		E	1
510413	ZE 5: output 4 open signal circuits	A425.X1:20		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
510414	ZE 5: output 4 short circuit to supply voltage	A425.X1:20		E	1
510454	ZE 5: output 4 short circuit to supply voltage	A425.X1:20		E	1
510458	ZE 5: output 4 positive switching transistor: disruption	A425.X1:20		E	1
510460	ZE 5: output 4 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A425.X1:20		E	1
510462	ZE 5: output 4 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A425.X1:20		E	1
510463	ZE 5: output 4 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A425.X1:20		E	1
510470	ZE 5: output 4 measuring system defect no crane operation possible entry in error list	A425.X1:20		E	1
510471	ZE 5: output 4 short circuit to ground or transistor defect	A425.X1:20		E	1
510472	ZE 5: output 4 outside source feeding	A425.X1:20		E	1
510473	ZE 5: output 4 open circuit or short circuit to supply voltage/ground	A425.X1:20		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
510512	ZE 5: output 5 short circuit to ground	A425.X1:21		E	1
510513	ZE 5: output 5 open signal circuits	A425.X1:21		E	1
510514	ZE 5: output 5 short circuit to supply voltage	A425.X1:21		E	1
510554	ZE 5: output 5 short circuit to supply voltage	A425.X1:21		E	1
510558	ZE 5: output 5 positive switching transistor: disruption	A425.X1:21		E	1
510560	ZE 5: output 5 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A425.X1:21		E	1
510562	ZE 5: output 5 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A425.X1:21		E	1
510563	ZE 5: output 5 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A425.X1:21		E	1
510570	ZE 5: output 5 measuring system defect no crane operation possible entry in error list	A425.X1:21		E	1
510571	ZE 5: output 5 short circuit to ground or transistor defect	A425.X1:21		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
510572	ZE 5: output 5 outside source feeding	A425.X1:21		E	1
510573	ZE 5: output 5 open circuit or short circuit to supply voltage/ground	A425.X1:21		E	1
510612	ZE 5: output 6 short circuit to ground	A425.X1:22		E	1
510613	ZE 5: output 6 open signal circuits	A425.X1:22		E	1
510614	ZE 5: output 6 short circuit to supply voltage	A425.X1:22		E	1
510654	ZE 5: output 6 short circuit to supply voltage	A425.X1:22		E	1
510658	ZE 5: output 6 positive switching transistor: disruption	A425.X1:22		E	1
510660	ZE 5: output 6 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A425.X1:22		E	1
510662	ZE 5: output 6 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A425.X1:22		E	1
510663	ZE 5: output 6 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A425.X1:22		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
510670	ZE 5: output 6 measuring system defect no crane operation possible entry in error list	A425.X1:22		E	1
510671	ZE 5: output 6 short circuit to ground or transistor defect	A425.X1:22		E	1
510672	ZE 5: output 6 outside source feeding	A425.X1:22		E	1
510673	ZE 5: output 6 open circuit or short circuit to supply voltage/ground	A425.X1:22		E	1
510712	ZE 5: output 7 short circuit to ground	A425.X1:23		E	1
510713	ZE 5: output 7 open signal circuits	A425.X1:23		E	1
510714	ZE 5: output 7 short circuit to supply voltage	A425.X1:23		E	1
510754	ZE 5: output 7 short circuit to supply voltage	A425.X1:23		E	1
510758	ZE 5: output 7 positive switching transistor: disruption	A425.X1:23		E	1
510760	ZE 5: output 7 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A425.X1:23		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
510762	ZE 5: output 7 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A425.X1:23		E	1
510763	ZE 5: output 7 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A425.X1:23		E	1
510770	ZE 5: output 7 measuring system defect no crane operation possible entry in error list	A425.X1:23		E	1
510771	ZE 5: output 7 short circuit to ground or transistor defect	A425.X1:23		E	1
510772	ZE 5: output 7 outside source feeding	A425.X1:23		E	1
510773	ZE 5: output 7 open circuit or short circuit to supply voltage/ground	A425.X1:23		E	1
514959	ZE 5: all output supply voltage missing	A425		E	1
515059	ZE 5: output group 0 supply voltage missing	A425.X1:12		E	1
515159	ZE 5: output group 1 supply voltage missing	A425.X1:24		E	1
515259	ZE 5: output group 2 supply voltage missing	A425		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
515359	ZE 5: output group 3 supply voltage missing	A425		E	1
520004	ZE 5: LSB participant address 0 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
520005	ZE 5: LSB participant address 0 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
520018	ZE 5: LSB participant address 0 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
520050	ZE 5: LSB participant address 0 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
520051	ZE 5: LSB participant address 0 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
520053	ZE 5: LSB participant address 0 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
520054	ZE 5: LSB participant address 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
520064	ZE 5: LSB participant address 0 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
520065	ZE 5: LSB participant address 0 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
520066	ZE 5: LSB participant address 0 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
520067	ZE 5: LSB participant address 0 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
520104	ZE 5: LSB participant address 1 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
520105	ZE 5: LSB participant address 1 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
520118	ZE 5: LSB participant address 1 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
520150	ZE 5: LSB participant address 1 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
520151	ZE 5: LSB participant address 1 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
520153	ZE 5: LSB participant address 1 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
520154	ZE 5: LSB participant address 1 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
520164	ZE 5: LSB participant address 1 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
520165	ZE 5: LSB participant address 1 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
520166	ZE 5: LSB participant address 1 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
520167	ZE 5: LSB participant address 1 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
520204	ZE 5: LSB participant address 2 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
520205	ZE 5: LSB participant address 2 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
520218	ZE 5: LSB participant address 2 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
520250	ZE 5: LSB participant address 2 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
520251	ZE 5: LSB participant address 2 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
520253	ZE 5: LSB participant address 2 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
520254	ZE 5: LSB participant address 2 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
520264	ZE 5: LSB participant address 2 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
520265	ZE 5: LSB participant address 2 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
520266	ZE 5: LSB participant address 2 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
520267	ZE 5: LSB participant address 2 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
520304	ZE 5: LSB participant address 3 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
520305	ZE 5: LSB participant address 3 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
520318	ZE 5: LSB participant address 3 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
520350	ZE 5: LSB participant address 3 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
520351	ZE 5: LSB participant address 3 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
520353	ZE 5: LSB participant address 3 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
520354	ZE 5: LSB participant address 3 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
520364	ZE 5: LSB participant address 3 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
520365	ZE 5: LSB participant address 3 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
520366	ZE 5: LSB participant address 3 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
520367	ZE 5: LSB participant address 3 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
520404	ZE 5: LSB participant address 4 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
520405	ZE 5: LSB participant address 4 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
520418	ZE 5: LSB participant address 4 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
520450	ZE 5: LSB participant address 4 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
520451	ZE 5: LSB participant address 4 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
520453	ZE 5: LSB participant address 4 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
520454	ZE 5: LSB participant address 4 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
520464	ZE 5: LSB participant address 4 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
520465	ZE 5: LSB participant address 4 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
520466	ZE 5: LSB participant address 4 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
520467	ZE 5: LSB participant address 4 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
520504	ZE 5: LSB participant address 5 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
520505	ZE 5: LSB participant address 5 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
520518	ZE 5: LSB participant address 5 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
520550	ZE 5: LSB participant address 5 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
520551	ZE 5: LSB participant address 5 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
520553	ZE 5: LSB participant address 5 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
520554	ZE 5: LSB participant address 5 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
520564	ZE 5: LSB participant address 5 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
520565	ZE 5: LSB participant address 5 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
520566	ZE 5: LSB participant address 5 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
520567	ZE 5: LSB participant address 5 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
520604	ZE 5: LSB participant address 6 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
520605	ZE 5: LSB participant address 6 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
520618	ZE 5: LSB participant address 6 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
520650	ZE 5: LSB participant address 6 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
520651	ZE 5: LSB participant address 6 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
520653	ZE 5: LSB participant address 6 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
520654	ZE 5: LSB participant address 6 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
520664	ZE 5: LSB participant address 6 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
520665	ZE 5: LSB participant address 6 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
520666	ZE 5: LSB participant address 6 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
520667	ZE 5: LSB participant address 6 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
520704	ZE 5: LSB participant address 7 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
520705	ZE 5: LSB participant address 7 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
520718	ZE 5: LSB participant address 7 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
520750	ZE 5: LSB participant address 7 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
520751	ZE 5: LSB participant address 7 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
520753	ZE 5: LSB participant address 7 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
520754	ZE 5: LSB participant address 7 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
520764	ZE 5: LSB participant address 7 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
520765	ZE 5: LSB participant address 7 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
520766	ZE 5: LSB participant address 7 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
520767	ZE 5: LSB participant address 7 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
520804	ZE 5: LSB participant address 8 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
520805	ZE 5: LSB participant address 8 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
520818	ZE 5: LSB participant address 8 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
520850	ZE 5: LSB participant address 8 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
520851	ZE 5: LSB participant address 8 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
520853	ZE 5: LSB participant address 8 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
520854	ZE 5: LSB participant address 8 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
520864	ZE 5: LSB participant address 8 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
520865	ZE 5: LSB participant address 8 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
520866	ZE 5: LSB participant address 8 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
520867	ZE 5: LSB participant address 8 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
520904	ZE 5: LSB participant address 9 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
520905	ZE 5: LSB participant address 9 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
520918	ZE 5: LSB participant address 9 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
520950	ZE 5: LSB participant address 9 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
520951	ZE 5: LSB participant address 9 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
520953	ZE 5: LSB participant address 9 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
520954	ZE 5: LSB participant address 9 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
520964	ZE 5: LSB participant address 9 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
520965	ZE 5: LSB participant address 9 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
520966	ZE 5: LSB participant address 9 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
520967	ZE 5: LSB participant address 9 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
521004	ZE 5: LSB participant address 10 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
521005	ZE 5: LSB participant address 10 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
521018	ZE 5: LSB participant address 10 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
521050	ZE 5: LSB participant address 10 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
521051	ZE 5: LSB participant address 10 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
521053	ZE 5: LSB participant address 10 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
521054	ZE 5: LSB participant address 10 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
521064	ZE 5: LSB participant address 10 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
521065	ZE 5: LSB participant address 10 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
521066	ZE 5: LSB participant address 10 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
521067	ZE 5: LSB participant address 10 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
521104	ZE 5: LSB participant address 11 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
521105	ZE 5: LSB participant address 11 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
521118	ZE 5: LSB participant address 11 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
521150	ZE 5: LSB participant address 11 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
521151	ZE 5: LSB participant address 11 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
521153	ZE 5: LSB participant address 11 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
521154	ZE 5: LSB participant address 11 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
521164	ZE 5: LSB participant address 11 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
521165	ZE 5: LSB participant address 11 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
521166	ZE 5: LSB participant address 11 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
521167	ZE 5: LSB participant address 11 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
521204	ZE 5: LSB participant address 12 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
521205	ZE 5: LSB participant address 12 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
521218	ZE 5: LSB participant address 12 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
521250	ZE 5: LSB participant address 12 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
521251	ZE 5: LSB participant address 12 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
521253	ZE 5: LSB participant address 12 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
521254	ZE 5: LSB participant address 12 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
521264	ZE 5: LSB participant address 12 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
521265	ZE 5: LSB participant address 12 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
521266	ZE 5: LSB participant address 12 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
521267	ZE 5: LSB participant address 12 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
521304	ZE 5: LSB participant address 13 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
521305	ZE 5: LSB participant address 13 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
521318	ZE 5: LSB participant address 13 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
521350	ZE 5: LSB participant address 13 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
521351	ZE 5: LSB participant address 13 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
521353	ZE 5: LSB participant address 13 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
521354	ZE 5: LSB participant address 13 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
521364	ZE 5: LSB participant address 13 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
521365	ZE 5: LSB participant address 13 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
521366	ZE 5: LSB participant address 13 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
521367	ZE 5: LSB participant address 13 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
521404	ZE 5: LSB participant address 14 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
521405	ZE 5: LSB participant address 14 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
521418	ZE 5: LSB participant address 14 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
521450	ZE 5: LSB participant address 14 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
521451	ZE 5: LSB participant address 14 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
521453	ZE 5: LSB participant address 14 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
521454	ZE 5: LSB participant address 14 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
521464	ZE 5: LSB participant address 14 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
521465	ZE 5: LSB participant address 14 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
521466	ZE 5: LSB participant address 14 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
521467	ZE 5: LSB participant address 14 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
521504	ZE 5: LSB participant address 15 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
521505	ZE 5: LSB participant address 15 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
521518	ZE 5: LSB participant address 15 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
521550	ZE 5: LSB participant address 15 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
521551	ZE 5: LSB participant address 15 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
521553	ZE 5: LSB participant address 15 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
521554	ZE 5: LSB participant address 15 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
521564	ZE 5: LSB participant address 15 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
521565	ZE 5: LSB participant address 15 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
521566	ZE 5: LSB participant address 15 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
521567	ZE 5: LSB participant address 15 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
521604	ZE 5: LSB participant address 16 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
521605	ZE 5: LSB participant address 16 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
521618	ZE 5: LSB participant address 16 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
521650	ZE 5: LSB participant address 16 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
521651	ZE 5: LSB participant address 16 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
521653	ZE 5: LSB participant address 16 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
521654	ZE 5: LSB participant address 16 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
521664	ZE 5: LSB participant address 16 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
521665	ZE 5: LSB participant address 16 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
521666	ZE 5: LSB participant address 16 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
521667	ZE 5: LSB participant address 16 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
521704	ZE 5: LSB participant address 17 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
521705	ZE 5: LSB participant address 17 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
521718	ZE 5: LSB participant address 17 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
521750	ZE 5: LSB participant address 17 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
521751	ZE 5: LSB participant address 17 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
521753	ZE 5: LSB participant address 17 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
521754	ZE 5: LSB participant address 17 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
521764	ZE 5: LSB participant address 17 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
521765	ZE 5: LSB participant address 17 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
521766	ZE 5: LSB participant address 17 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
521767	ZE 5: LSB participant address 17 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
521804	ZE 5: LSB participant address 18 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
521805	ZE 5: LSB participant address 18 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
521818	ZE 5: LSB participant address 18 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
521850	ZE 5: LSB participant address 18 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
521851	ZE 5: LSB participant address 18 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
521853	ZE 5: LSB participant address 18 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
521854	ZE 5: LSB participant address 18 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
521864	ZE 5: LSB participant address 18 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
521865	ZE 5: LSB participant address 18 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
521866	ZE 5: LSB participant address 18 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
521867	ZE 5: LSB participant address 18 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
521904	ZE 5: LSB participant address 19 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
521905	ZE 5: LSB participant address 19 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
521918	ZE 5: LSB participant address 19 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
521950	ZE 5: LSB participant address 19 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
521951	ZE 5: LSB participant address 19 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
521953	ZE 5: LSB participant address 19 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
521954	ZE 5: LSB participant address 19 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
521964	ZE 5: LSB participant address 19 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
521965	ZE 5: LSB participant address 19 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
521966	ZE 5: LSB participant address 19 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
521967	ZE 5: LSB participant address 19 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
522004	ZE 5: LSB participant address 20 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
522005	ZE 5: LSB participant address 20 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
522018	ZE 5: LSB participant address 20 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
522050	ZE 5: LSB participant address 20 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
522051	ZE 5: LSB participant address 20 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
522053	ZE 5: LSB participant address 20 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
522054	ZE 5: LSB participant address 20 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
522064	ZE 5: LSB participant address 20 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
522065	ZE 5: LSB participant address 20 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
522066	ZE 5: LSB participant address 20 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
522067	ZE 5: LSB participant address 20 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
522104	ZE 5: LSB participant address 21 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
522105	ZE 5: LSB participant address 21 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
522118	ZE 5: LSB participant address 21 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
522150	ZE 5: LSB participant address 21 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
522151	ZE 5: LSB participant address 21 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
522153	ZE 5: LSB participant address 21 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
522154	ZE 5: LSB participant address 21 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
522164	ZE 5: LSB participant address 21 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
522165	ZE 5: LSB participant address 21 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
522166	ZE 5: LSB participant address 21 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
522167	ZE 5: LSB participant address 21 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
522204	ZE 5: LSB participant address 22 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
522205	ZE 5: LSB participant address 22 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
522218	ZE 5: LSB participant address 22 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
522250	ZE 5: LSB participant address 22 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
522251	ZE 5: LSB participant address 22 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
522253	ZE 5: LSB participant address 22 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
522254	ZE 5: LSB participant address 22 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
522264	ZE 5: LSB participant address 22 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
522265	ZE 5: LSB participant address 22 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
522266	ZE 5: LSB participant address 22 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
522267	ZE 5: LSB participant address 22 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
522304	ZE 5: LSB participant address 23 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
522305	ZE 5: LSB participant address 23 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
522318	ZE 5: LSB participant address 23 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
522350	ZE 5: LSB participant address 23 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
522351	ZE 5: LSB participant address 23 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
522353	ZE 5: LSB participant address 23 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
522354	ZE 5: LSB participant address 23 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
522364	ZE 5: LSB participant address 23 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
522365	ZE 5: LSB participant address 23 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
522366	ZE 5: LSB participant address 23 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
522367	ZE 5: LSB participant address 23 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
522404	ZE 5: LSB participant address 24 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
522405	ZE 5: LSB participant address 24 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
522418	ZE 5: LSB participant address 24 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
522450	ZE 5: LSB participant address 24 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
522451	ZE 5: LSB participant address 24 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
522453	ZE 5: LSB participant address 24 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
522454	ZE 5: LSB participant address 24 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
522464	ZE 5: LSB participant address 24 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
522465	ZE 5: LSB participant address 24 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
522466	ZE 5: LSB participant address 24 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
522467	ZE 5: LSB participant address 24 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
522504	ZE 5: LSB participant address 25 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
522505	ZE 5: LSB participant address 25 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
522518	ZE 5: LSB participant address 25 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
522550	ZE 5: LSB participant address 25 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
522551	ZE 5: LSB participant address 25 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
522553	ZE 5: LSB participant address 25 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
522554	ZE 5: LSB participant address 25 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
522564	ZE 5: LSB participant address 25 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
522565	ZE 5: LSB participant address 25 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
522566	ZE 5: LSB participant address 25 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
522567	ZE 5: LSB participant address 25 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
522604	ZE 5: LSB participant address 26 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
522605	ZE 5: LSB participant address 26 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
522618	ZE 5: LSB participant address 26 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
522650	ZE 5: LSB participant address 26 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
522651	ZE 5: LSB participant address 26 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
522653	ZE 5: LSB participant address 26 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
522654	ZE 5: LSB participant address 26 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
522664	ZE 5: LSB participant address 26 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
522665	ZE 5: LSB participant address 26 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
522666	ZE 5: LSB participant address 26 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
522667	ZE 5: LSB participant address 26 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
522704	ZE 5: LSB participant address 27 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
522705	ZE 5: LSB participant address 27 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
522718	ZE 5: LSB participant address 27 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
522750	ZE 5: LSB participant address 27 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
522751	ZE 5: LSB participant address 27 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
522753	ZE 5: LSB participant address 27 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
522754	ZE 5: LSB participant address 27 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
522764	ZE 5: LSB participant address 27 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
522765	ZE 5: LSB participant address 27 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
522766	ZE 5: LSB participant address 27 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
522767	ZE 5: LSB participant address 27 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
522804	ZE 5: LSB participant address 28 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
522805	ZE 5: LSB participant address 28 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
522818	ZE 5: LSB participant address 28 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
522850	ZE 5: LSB participant address 28 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
522851	ZE 5: LSB participant address 28 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
522853	ZE 5: LSB participant address 28 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
522854	ZE 5: LSB participant address 28 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
522864	ZE 5: LSB participant address 28 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
522865	ZE 5: LSB participant address 28 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
522866	ZE 5: LSB participant address 28 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
522867	ZE 5: LSB participant address 28 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
522904	ZE 5: LSB participant address 29 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
522905	ZE 5: LSB participant address 29 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
522918	ZE 5: LSB participant address 29 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
522950	ZE 5: LSB participant address 29 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
522951	ZE 5: LSB participant address 29 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
522953	ZE 5: LSB participant address 29 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
522954	ZE 5: LSB participant address 29 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
522964	ZE 5: LSB participant address 29 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
522965	ZE 5: LSB participant address 29 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
522966	ZE 5: LSB participant address 29 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
522967	ZE 5: LSB participant address 29 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
523004	ZE 5: LSB participant address 30 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
523005	ZE 5: LSB participant address 30 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
523018	ZE 5: LSB participant address 30 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
523050	ZE 5: LSB participant address 30 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
523051	ZE 5: LSB participant address 30 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
523053	ZE 5: LSB participant address 30 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
523054	ZE 5: LSB participant address 30 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2
523064	ZE 5: LSB participant address 30 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
523065	ZE 5: LSB participant address 30 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
523066	ZE 5: LSB participant address 30 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
523067	ZE 5: LSB participant address 30 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
523252	ZE 5: Control data transfer LSB has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A425.X2:z14/z16		E	0
523255	ZE 5: Control data transfer LSB Bus connection faulty/defect, short circuit to supply voltage entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A425.X2:z14/z16		E	2
523256	ZE 5: Control data transfer LSB Bus connection faulty/defect, no supply/short circuit to earth entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A425.X2:z14/z16		E	2
523257	ZE 5: Control data transfer LSB has recognised network re-set (data transfer starts again) entry in error memory, driver re-starts and runs re-booting of network check bus lines, withdraw sensors successively from bus until malfunction source recognised, replace defective part	A425.X2:z14/z16		E	1
523258	ZE 5: Control data transfer LSB recognised participant with incorrect baud rate in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated from system itself, check address assignment of sensors	A425.X2:z14/z16		E	0
523259	ZE 5: Control data transfer LSB recognised communication breakdown in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated by driver through re-booting of network	A425.X2:z14/z16		E	0
523260	ZE 5: Control data transfer LSB driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant with temporary malfunctions error will be eliminated by system itself, with incorrect configuration install new software	A425.X2:z14/z16		E	2
523261	ZE 5: Control data transfer LSB driver error: undefined message appears entry in error memory, driver re-starts and runs re-booting of network with temporary malf. error will be eliminated by system itself otherwise new Software necessary for error elimination	A425.X2:z14/z16		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
523262	ZE 5: Control data transfer LSB Driver error: Initialization error entry in error memory, driver re-starts and runs re-booting of network new Software is necessary for error elimination	A425.X2:z14/z16		E	2
533100	ZE 5: Control ballasting / counterweight carriage Limit switch "BW bolted" faulty / not present - Shut-down BW active Control op. type with counterweight carriage is switched over to - req.s for operation with BW must be met. Error remedy see corresponding system error.	A425		E	
533101	ZE 5: Control ballasting / counterweight carriage Invalid assembly condition - BW inserted and FB inserted Shut-down due to unclear recognition of assembly condition. Check of cabling - short-circuit following earthing or line interruption, checking of inputs.	A425		E	
533102	ZE 5: Control ballasting / counterweight carriage Invalid assembly condition - BW bolted and FB inserted Shut-down due to unclear recognition of assembly condition. Checking of cabling - short-circuit following earthing or line interruption or check position of bolting cylinder BW	A425		E	
533103	ZE 5: Control ballasting / counterweight carriage Invalid assembly condition - BW inserted and bolted and FB inserted Shut-down due to unclear recognition of assembly condition. Checking of cabling - short-circuit following earthing or line interruption or check position of bolting cylinder BW	A425		E	
533104	ZE 5: Control ballasting / counterweight carriage Invalid assembly condition - B inserted and FB not inserted Shut-down due to unclear recognition of assembly condition. Check of cabling - short-circuit following supply voltage or earthing or line interruption.	A425		E	
533105	ZE 5: Control ballasting / counterweight carriage Invalid assembly condition - BW inserted and B inserted Shut-down due to unclear recognition of assembly condition. Check of cabling - short-circuit following supply voltage or earthing or line interruption.	A425		E	
533106	ZE 5: Control ballasting / counterweight carriage Invalid assembly condition - BW bolted and B inserted Shut-down due to unclear recognition of assembly condition. Checking of cabling - short-circuit following earthing or line interruption or check position of bolting cylinder BW	A425		E	
533107	ZE 5: Control ballasting / counterweight carriage Invalid assembly condition - BW inserted and bolted and B inserted Shut-down due to unclear recognition of assembly condition. Checking of cabling - short-circuit following earthing or line interruption or check position of bolting cylinder BW	A425		E	
533108	ZE 5: Control ballasting / counterweight carriage Invalid assembly condition - BW bolted FB inserted and B inserted Shut-down due to unclear recognition of assembly condition. Checking of cabling - short-circuit following earthing or line interruption or check position of bolting cylinder BW	A425		E	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
533109	ZE 5: Control ballasting / counterweight carriage Invalid assembly condition - entry combination does not make sense Shut-down due to unclear recognition of assembly condition. Checking of cabling - short-circuit following earthing or line interruption or check position of bolting cylinder BW	A425		E	
533112	ZE 5: Control ballasting / counterweight carriage Safety test counterweight carriage reports error - check control BW Cont. carries on running, however poss. error function as faulty recognised system component during safety test Switch over derr. monitor to count. carriage and read error reports in error diagnosis system of counterweight carriage.	A425		E	
533113	ZE 5: Control ballasting / counterweight carriage Control of axles without func., relevant sensor faulty/not present Control of the axles is switched off, axles remain in the last set condition Reestablish function of the respective sensor - error remedy see corresponding system error.	A425		E	
533114	ZE 5: Control ballasting / counterweight carriage Data trans (LSB ) between crane and counte. carriage interrupted Functions affected by the transmission fault will not be carried out. Error remedy see corresponding system error or operating error.	A425		E	
533284	ZE 5: Control crawler No travel movement detected with controlled crawler left Output of error Actuate crawler travel gear with at least 1/8 init current and check incremental counter (dir. of rotation/function)	A425		E	
533285	ZE 5: Control crawler No travel movement detected with controlled crawler right Output of error Actuate crawler travel gear with at least 1/8 init current and check incremental counter (dir. of rotation/function)	A425		E	
533900	ZE 5: crane control signal engine speed defective/missing output of error, rated speed will now be adjusted for the power limitation check engine electronics, with permanent error contact after-sales service	A425		E	1
533901	ZE 5: crane control Signal current engine momentum - Maximum erroneous / missing output of error, rated speed will now be adjusted for the power limitation check engine electronics, with permanent error contact after-sales service	A425		E	1
536102	ZE 5: Operation ballasting / counterweight carriage Shut-down counterweight on ground Operational shut-down, shunable via raised key switch B/BW - only switch on if B/BW safely raised If possible raise the wheels via lifting the load or reducing the mounted suspended counterweight	A425		B	
536103	ZE 5: Operation ballasting / counterweight carriage Shut-down support counterweight carriage is not retracted Operation conditional shut-down, may not be shunted. Retract support cylinder counterweight carriage completely.	A425		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
536104	ZE 5: Operation ballasting / counterweight carriage Shut-down counterweight carriage telescoping blocked Operational shut-down, shuntable via raised key switch B/BW - only switch on if B/BW safely raised Press "Tow-travel on" key until the wheels are in the travel direction and the indicator lamp remains lit.	A425		B	
536105	ZE 5: Operation ballasting / counterweight carriage Shut-down keys counterweight "Up" / "Down" actuated simultaneously Operation conditional shut-down, may not be shunted. Release one of the keys or check the switch and the cabling.	A425		B	
536106	ZE 5: Operation ballasting / counterweight carriage Shut-down keys counterweight "In" / "Out" actuated simultaneously Operation conditional shut-down, may not be shunted. Release one of the keys or check the switch and the cabling.	A425		B	
536107	ZE 5: Operation ballasting / counterweight carriage Shut-down keys support BW "Up" / "Down" actuated simultaneously Operation conditional shut-down, may not be shunted. Release one of the keys or check the switch and the cabling.	A425		B	
536108	ZE 5: Operation ballasting / counterweight carriage Counterweight carriage (BW) is inserted but not yet bolted report of error, otherwise no reaction Bolt or unplug counterweight carriage.	A425		B	
536109	ZE 5: Operation ballasting / counterweight carriage BW is bolted but not inserted - dummy plug is inserted Control op. type with counterweight carriage is switched over to - req.s for operation with BW must be met. Unbolt or plug in counterweight carriage.	A425		B	
53610B	ZE 5: Operation ballasting / counterweight carriage BW is plugged but not yet pinned and support retracted Control op. type with counterweight carriage is switched over to - req.s for operation with BW must be met. Ballast trailer unpin, plug in or extend support.	A425		B	
536110	ZE 5: Operation ballasting / counterweight carriage No counterweight inserted or dummy plug not inserted report of error, otherwise no reaction Plug in dummy plug.	A425		B	
536111	ZE 5: Operation ballasting / counterweight carriage Counterweight carriage (BW) is bolted but not inserted Control op. type with counterweight carriage is switched over to - req.s for operation with BW must be met. Unbolt or plug in counterweight carriage.	A425		B	
536112	ZE 5: Operation ballasting / counterweight carriage Leveling (B/BW)without function level sensor(B/BW) erroneous/missing Levelling is switched off, switches for cylinder A - Stop and cylinder B - Stop however carry on functioning. Check defective or missing level sensor. See also corresponding system error.	A425		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
536113	ZE 5: Operation ballasting / counterweight carriage Set B-table does not match the installed entries from B/BW Shut-down due to unclear recognition of assembly condition. Set load chart correctly or mount B/BW in accordance with the table setting.	A425		B	
536114	ZE 5: Operation ballasting / counterweight carriage Suspended counterweight (B) mounted but no B-table set Conversion to control operation type with suspended counterweight - requirements for operation with B must be met. Set load chart correctly or mount B/BW in accordance with the table setting.	A425		B	
536118	ZE 5: Operation ballasting / counterweight carriage Shut-down measuring point 1 < F min Operation conditional shut-down, may not be shunted. Lower load or set down derrick counterweight if possible or wind off luffing gear if possible.	A425		B	
536119	ZE 5: Operation ballasting / counterweight carriage no or invalid operation mode shut-down Operation conditional switch off, may not be shunted enter correct operation mode or dismantle accessory parts - shut-down cannot be shunted	A425		B	
536120	ZE 5: Operation ballasting / counterweight carriage LMB shut-down operational shut down Remedy cause of "LMB Stop" see error report LMB - shut-down may be shunted via assembly switch (danger).	A425		B	
536121	ZE 5: Operation ballasting / counterweight carriage Shut-down measuring point 1 > F max - operation operational shut down Lower load or raise derrick ballast if possible or lay on additional derrick counterweight if possible.	A425		B	
536122	ZE 5: Operation ballasting / counterweight carriage Shut-down measuring point 1 > F max - assembly Operation conditional switch off, may not be shunted Lower load or raise derrick ballast if possible or lay on additional derrick counterweight if possible.	A425		B	
536124	ZE 5: Operation ballasting / counterweight carriage Shut-down measuring point 1 < F min and count. utilisation > 50% Operation conditional switch off, may not be shunted Lower load or set down derrick counterweight if possible or wind off luffing gear if possible.	A425		B	
53612F	ZE 5: Operation ballasting / counterweight carriage Shut off Radio assembly BTT-E max pulled Ballast exceeded	A425		B	
536130	ZE 5: Operation ballasting / counterweight carriage Switch-off key ballast "Up" clamping or actuated with start Output of error, crane function is not selected. Release counterweight "Up" key or check key and its cabling for correct functioning	A425		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
536131	ZE 5: Operation ballasting / counterweight carriage Switch-off key ballast "Down" clamping or actuated with start Output of error, crane function is not selected. Release counterweight "Down" key or check key and its cabling for correct functioning	A425		B	
536132	ZE 5: Operation ballasting / counterweight carriage Switch-off key ballast "On" clamping or actuated with start Output of error, crane function is not selected. Release counterweight "On" key or check key and its cabling for correct functioning	A425		B	
536133	ZE 5: Operation ballasting / counterweight carriage Switch-off key ballast "Off" clamping or actuated with start Output of error, crane function is not selected. Release counterweight "Off" key or Taste check key and its cabling for correct functioning	A425		B	
536134	ZE 5: Operation ballasting / counterweight carriage Switch-off key support "Up" clamping or actuated with start Output of error, crane function is not selected. Release support "Up" key or check key and its cabling for correct functioning	A425		B	
536135	ZE 5: Operation ballasting / counterweight carriage Switch-off key support "Down" clamping or actuated with start Output of error, crane function is not selected. Release support "Down" key or check key and its cabling for correct functioning	A425		B	
536136	ZE 5: Operation ballasting / counterweight carriage Switch-off key BW steering system clamping or actuated with start Output of error, crane function is not selected. Release keys for steering programs and after steering or check key and its cabling for correct functioning	A425		B	
53613F	ZE 5: Operation ballasting / counterweight carriage Wheel drive "On" blocked - rot. speed too high (C-key) Issue of error, function not actuated Set slewing speed (C-Button) acc. to specifications in load charts or operating instructions	A425		B	
536140	ZE 5: Operation ballasting / counterweight carriage Wheel drive "On" blocked - turning or parallel travel not "On" Issue of error, function not actuated Turn switch wheel drive off or pre-selection ballast trailer circular or parallel travel	A425		B	
536141	ZE 5: Operation ballasting / counterweight carriage Wheel drive "On" blocked - Ballast trailer lifted off is turned on Issue of error, function not actuated Turn switch wheel drive off or lower ballast onto wheels if possible and turn switch "BT lifted off" off	A425		B	
536144	ZE 5: Operation ballasting / counterweight carriage Shut-off crane engine not running Output of error, crane function is not selected. Should crane function be required, start engine and re-actuate key.	A425		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
536145	ZE 5: Operation ballasting / counterweight carriage Shut off Ballast "Up / down" due to running winch 4 Operation conditional switch off, may not be shunted Press button Ballast "Up / down" only if winch 4 is not actuated	A425		B	
536146	ZE 5: Operation ballasting / counterweight carriage Shut off Ballast "Up / down" due to actuated brake pump Operation conditional switch off, may not be shunted Press button Ballast "Up / down" only if no brake pump is actuated and crane engine is not in overspeed	A425		B	
536149	ZE 5: Operation ballasting / counterweight carriage Shut off pressure difference ballast cylinder A/B too large operational shut down Press "A-Stop" key or "B-Stop" key to move only one ballast cylinder to equalize forces in side A/B	A425		B	
536154	ZE 5: Operation ballasting / counterweight carriage Shut-down overtopping guard cylinder main boom in bump stop Operation conditional switch off, may not be shunted Wind off main boom - adjusting winch until overtopping guard cylinder no longer in bump stop	A425		B	
536155	ZE 5: Operation ballasting / counterweight carriage Shut-down overtopping guard cylinder derrick boom in bump stop Operation conditional switch off, may not be shunted Wind off derrick boom - adjusting winch until overtopping guard cylinder no longer in bump stop	A425		B	
536158	ZE 5: Operation ballasting / counterweight carriage Shut-down guide frame - counterweight bump stop upper Operation conditional switch off, may not be shunted If possible, extend with ballast cylinder, spool up winch 4 or retract support BW move from block position	A425		B	
536159	ZE 5: Operation ballasting / counterweight carriage Shut-down guide frame - counterweight bump stop lower Operation conditional switch off, may not be shunted If possible, retract with ballast cylinder, spool out winch 4 or extend support BW move from block position	A425		B	
536166	ZE 5: Operation ballasting / counterweight carriage Shut off pressure sensor "RFP main boom" defective / missing Operation conditional switch off, may not be shunted Release button Error remedy, see resp. system error	A425		B	
536167	ZE 5: Operation ballasting / counterweight carriage Shut off pressure sensor "RFP Derrick" defective / missing Operation conditional switch off, may not be shunted Release button Error remedy, see resp. system error	A425		B	
536170	ZE 5: Operation ballasting / counterweight carriage Shut-down lim switch "Count. on ground" vo. left faulty/not present Operation conditional switch off, may not be shunted Release button - for error remedy see corresp. system error	A425		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
536171	ZE 5: Operation ballasting / counterweight carriage Shut-down lim switch "Count. on ground" vo. right faulty/not presen Operation conditional switch off, may not be shunted Release button - for error remedy see corresp. system error	A425		B	
536172	ZE 5: Operation ballasting / counterweight carriage Shut-down lim switch "Count. on ground" hi. left faulty/not present Operation conditional switch off, may not be shunted Release button - for error remedy see corresp. system error	A425		B	
536173	ZE 5: Operation ballasting / counterweight carriage Shut-down lim switch "Count. on ground" hi. right faulty/not presen Operation conditional switch off, may not be shunted Release button - for error remedy see corresp. system error	A425		B	
536174	ZE 5: Operation ballasting / counterweight carriage Shut-down limit switch "Support retracted" vo. faulty/not present Operation conditional switch off, may not be shunted Release button - for error remedy see corresp. system error	A425		B	
536175	ZE 5: Operation ballasting / counterweight carriage Shut-down limit switch "Support retracted" hi. faulty/not present Operation conditional switch off, may not be shunted Release button - for error remedy see corresp. system error	A425		B	
536185	ZE 5: Operation ballasting / counterweight carriage Shut-down limit switch "RFP Main boom" right faulty/not present Operation conditional switch off, may not be shunted Release button - for error remedy see corresp. system error	A425		B	
536186	ZE 5: Operation ballasting / counterweight carriage Shut-down limit switch "RFP Main boom" links faulty/not present Operation conditional switch off, may not be shunted Release button - for error remedy see corresp. system error	A425		B	
536187	ZE 5: Operation ballasting / counterweight carriage Shut-down limit switch "Overtop guard cyl D" right faulty/not prese Operation conditional switch off, may not be shunted Release button - for error remedy see corresp. system error	A425		B	
536188	ZE 5: Operation ballasting / counterweight carriage Shut-down limit switch "Overtop guard cyl D" left faulty/not presen Operation conditional switch off, may not be shunted Release button - for error remedy see corresp. system error	A425		B	
536191	ZE 5: Operation ballasting / counterweight carriage Shut off pressure Relapse cyl. main boom outside nom. range Operation conditional switch off, may not be shunted Release button Error remedy, see resp. system error	A425		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
536192	ZE 5: Operation ballasting / counterweight carriage Shut off pressure Relapse cyl. derrick outside nom. range Operation conditional switch off, may not be shunted Release button Error remedy, see resp. system error	A425		B	
536193	ZE 5: Operation ballasting / counterweight carriage Shut-down limit switch right "Lower count. block" faulty/not pre Operation conditional switch off, may not be shunted Release button - for error remedy see corresp. system error	A425		B	
536194	ZE 5: Operation ballasting / counterweight carriage Shut-down limit switch "Lower count. block" left faulty/not present Operation conditional switch off, may not be shunted Release button - for error remedy see corresp. system error	A425		B	
536195	ZE 5: Operation ballasting / counterweight carriage Shut-down limit switch "Upper count. block" right faulty/not presen Operation conditional switch off, may not be shunted Release button - for error remedy see corresp. system error	A425		B	
536196	ZE 5: Operation ballasting / counterweight carriage Shut-down limit switch "Upper count. block" left faulty/not present Operation conditional switch off, may not be shunted Release button - for error remedy see corresp. system error	A425		B	
5361F1	ZE 5: Operation ballasting / counterweight carriage Shut off Test point 1 < F min and upper limit angle Derrick OGWD operational shut down If possible, move derrick boom in op. position, for that assembly - winch 4 can be lowered	A425			
536942	ZE 5: Operation crane control Emergency op. crane cont. switched on with start test-safety chain report of error, otherwise no reaction Switch off emergency operation, restart LICCON, test safety chain will then be carried out	A425		E	1
536943	ZE 5: Operation crane control Emergency op. crane control switched on during test-safety chain report of error, otherwise no reaction Switch off emergency operation, restart LICCON, test safety chain will then be carried out	A425		E	1
587252	E/A-Modul 5: Control data transfer LSB-B has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A15.X3:4/6		E	0
587255	E/A-Modul 5: Control data transfer LSB-B Bus connection faulty/defect, short circuit to supply voltage entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A15.X3:4/6		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
587256	E/A-Modul 5: Control data transfer LSB-B Bus connection faulty/defect, no supply/short circuit to earth entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A15.X3:4/6		E	2
587257	E/A-Modul 5: Control data transfer LSB-B has recognised network re-set (data transfer starts again) entry in error memory, driver re-starts and runs re-booting of network check bus lines, withdraw sensors successively from bus until malfunction source recognised, replace defective part	A15.X3:4/6		E	1
587258	E/A-Modul 5: Control data transfer LSB-B recognised participant with incorrect baud rate in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated from system itself, check address assignment of sensors	A15.X3:4/6		E	0
587259	E/A-Modul 5: Control data transfer LSB-B recognised communication breakdown in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated by driver through re-booting of network	A15.X3:4/6		E	0
587260	E/A-Modul 5: Control data transfer LSB-B driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant with temporary malfunctions error will be eliminated by system itself, with incorrect configuration install new software	A15.X3:4/6		E	2
587261	E/A-Modul 5: Control data transfer LSB-B driver error: undefined message appears entry in error memory, driver re-starts and runs re-booting of network with temporary malf. error will be eliminated by system itself otherwise new Software necessary for error elimination	A15.X3:4/6		E	2
587262	E/A-Modul 5: Control data transfer LSB-B Driver error: Initialization error entry in error memory, driver re-starts and runs re-booting of network new Software is necessary for error elimination	A15.X3:4/6		E	2
661001	E/A-Modul 6: system error OS-C167 initialising error processor-register erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A16		E	2
661002	E/A-Modul 6: system error OS-C167 initialising error test total in EPROM/FLASH erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A16		E	2
661006	E/A-Modul 6: system error OS-C167 initialising error RAM erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
661013	E/A-Modul 6: system error OS-C167 test total in EPROM/FLASH erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A16		E	2
661016	E/A-Modul 6: system error OS-C167 system-, driver-watchdog expired error indication on display note error report, ignition ON/OFF, with repeated occurrence --> inform after-sales service	A16		E	2
661068	E/A-Modul 6: system error OS-C167 impermissible interrupt error indication on display note error report, ignition ON/OFF, with repeated occurrence --> inform after-sales service	A16		E	2
661071	E/A-Modul 6: system error OS-C167 Invalid configuration or Firmware error indication on display re-load Software from ZE	A16		E	2
661080	E/A-Modul 6: system error OS-C167 fatal internal software error error indication on display note error report, ignition ON/OFF, with repeated occurrence --> inform after-sales service	A16		E	2
661082	E/A-Modul 6: system error OS-C167 hardware-watchdog erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A16		E	2
661088	E/A-Modul 6: system error OS-C167 Configuration does not match software condition error indication on display Reload software from CPU or check consistency	A16		E	1
672052	E/A-Modul 6: input/output DEA0 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A16.X3:17		E	1
672053	E/A-Modul 6: input/output DEA0 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A16.X3:17		E	1
672054	E/A-Modul 6: input/output DEA0 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A16.X3:17		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
672055	E/A-Modul 6: input/output DEA0 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A16.X3:17		E	1
672152	E/A-Modul 6: input/output DEA1 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A16.X3:15		E	1
672153	E/A-Modul 6: input/output DEA1 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A16.X3:15		E	1
672154	E/A-Modul 6: input/output DEA1 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A16.X3:15		E	1
672155	E/A-Modul 6: input/output DEA1 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A16.X3:15		E	1
672252	E/A-Modul 6: input/output DEA2 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A16.X3:13		E	1
672253	E/A-Modul 6: input/output DEA2 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A16.X3:13		E	1
672254	E/A-Modul 6: input/output DEA2 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A16.X3:13		E	1
672255	E/A-Modul 6: input/output DEA2 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A16.X3:13		E	1
672352	E/A-Modul 6: input/output DEA3 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A16.X3:11		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
672353	E/A-Modul 6: input/output DEA3 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A16.X3:11		E	1
672354	E/A-Modul 6: input/output DEA3 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A16.X3:11		E	1
672355	E/A-Modul 6: input/output DEA3 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A16.X3:11		E	1
672452	E/A-Modul 6: input/output DEA4 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A16.X3:9		E	1
672453	E/A-Modul 6: input/output DEA4 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A16.X3:9		E	1
672454	E/A-Modul 6: input/output DEA4 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A16.X3:9		E	1
672455	E/A-Modul 6: input/output DEA4 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A16.X3:9		E	1
672552	E/A-Modul 6: input/output DEA5 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A16.X3:7		E	1
672553	E/A-Modul 6: input/output DEA5 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A16.X3:7		E	1
672554	E/A-Modul 6: input/output DEA5 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A16.X3:7		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
672555	E/A-Modul 6: input/output DEA5 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A16.X3:7		E	1
672652	E/A-Modul 6: input/output DEA6 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A16.X3:5		E	1
672653	E/A-Modul 6: input/output DEA6 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A16.X3:5		E	1
672654	E/A-Modul 6: input/output DEA6 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A16.X3:5		E	1
672655	E/A-Modul 6: input/output DEA6 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A16.X3:5		E	1
672752	E/A-Modul 6: input/output DEA7 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A16.X3:3		E	1
672753	E/A-Modul 6: input/output DEA7 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A16.X3:3		E	1
672754	E/A-Modul 6: input/output DEA7 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A16.X3:3		E	1
672755	E/A-Modul 6: input/output DEA7 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A16.X3:3		E	1
673482	E/A-Modul 6: voltage input E4 short circuit to ground, open line, constant current 10 mA incorrect Display LICCON: ?? °C check input signal on the E/A-Modul or sensor	A16.X2:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
673483	E/A-Modul 6: voltage input E4 short circuit to supply voltage, open line, lack of voltage Display LICCON: ?? °C check input signal on the E/A-Modul or sensor	A16.X2:9		E	1
673782	E/A-Modul 6: voltage input E7 short circuit to ground, open line, constant current 10 mA incorrect Display LICCON: ??? % check input signal on the E/A-Modul or sensor	A16.X2:3		E	1
673783	E/A-Modul 6: voltage input E7 short circuit to supply voltage, open line, lack of voltage Display LICCON: ??? % check input signal on the E/A-Modul or sensor	A16.X2:3		E	1
679052	E/A-Modul 6: output A0 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A16.X3:18		E	1
679053	E/A-Modul 6: output A0 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A16.X3:18		E	1
679054	E/A-Modul 6: output A0 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A16.X3:18		E	1
679055	E/A-Modul 6: output A0 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A16.X3:18		E	1
679152	E/A-Modul 6: output A1 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A16.X3:16		E	1
679153	E/A-Modul 6: output A1 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A16.X3:16		E	1
679154	E/A-Modul 6: output A1 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A16.X3:16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
679155	E/A-Modul 6: output A1 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A16.X3:16		E	1
679250	E/A-Modul 6: bridge output A2 short circuit to ground, junction not supplied error report on display check output for short, check current supply of load, if necessary replace E/A-Modul	A16.X3:14		E	1
679251	E/A-Modul 6: bridge output A2 short circuit to supply voltage, excessive temperature error report on display check output for short, check output load (measure load current), if necessary replace E/A-Modul	A16.X3:14		E	1
679252	E/A-Modul 6: bridge output A2 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A16.X3:14		E	1
679253	E/A-Modul 6: bridge output A2 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A16.X3:14		E	1
679254	E/A-Modul 6: bridge output A2 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A16.X3:14		E	1
679255	E/A-Modul 6: bridge output A2 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A16.X3:14		E	1
679350	E/A-Modul 6: bridge output A3 short circuit to ground, junction not supplied error report on display check output for short, check current supply of load, if necessary replace E/A-Modul	A16.X3:12		E	1
679351	E/A-Modul 6: bridge output A3 short circuit to supply voltage, excessive temperature error report on display check output for short, check output load (measure load current), if necessary replace E/A-Modul	A16.X3:12		E	1
679352	E/A-Modul 6: bridge output A3 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A16.X3:12		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
679353	E/A-Modul 6: bridge output A3 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A16.X3:12		E	1
679354	E/A-Modul 6: bridge output A3 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A16.X3:12		E	1
679355	E/A-Modul 6: bridge output A3 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A16.X3:12		E	1
684050	E/A-Modul 6: LSB-B participant address 0 reports an incorrect sensor type  Check Bus configuration in LSB test system, remove faulty / incorrect users from Bus	A16.X3:4/6		E	1
684104	E/A-Modul 6: LSB-B participant address 1 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A16.X3:4/6		E	1
684105	E/A-Modul 6: LSB-B participant address 1 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A16.X3:4/6		E	1
684118	E/A-Modul 6: LSB-B participant address 1 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A16.X3:4/6		E	0
684150	E/A-Modul 6: LSB-B participant address 1 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A16.X3:4/6		E	2
684151	E/A-Modul 6: LSB-B participant address 1 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A16.X3:4/6		E	2
684153	E/A-Modul 6: LSB-B participant address 1 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A16.X3:4/6		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
684154	E/A-Modul 6: LSB-B participant address 1 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A16.X3:4/6		E	2
684164	E/A-Modul 6: LSB-B participant address 1 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A16.X3:4/6		E	1
684165	E/A-Modul 6: LSB-B participant address 1 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A16.X3:4/6		E	2
684166	E/A-Modul 6: LSB-B participant address 1 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A16.X3:4/6		E	2
684167	E/A-Modul 6: LSB-B participant address 1 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A16.X3:4/6		E	1
684204	E/A-Modul 6: LSB-B participant address 2 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A16.X3:4/6		E	1
684205	E/A-Modul 6: LSB-B participant address 2 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A16.X3:4/6		E	1
684218	E/A-Modul 6: LSB-B participant address 2 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A16.X3:4/6		E	0
684250	E/A-Modul 6: LSB-B participant address 2 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A16.X3:4/6		E	2
684251	E/A-Modul 6: LSB-B participant address 2 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A16.X3:4/6		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
684253	E/A-Modul 6: LSB-B participant address 2 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A16.X3:4/6		E	1
684254	E/A-Modul 6: LSB-B participant address 2 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A16.X3:4/6		E	2
684264	E/A-Modul 6: LSB-B participant address 2 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A16.X3:4/6		E	1
684265	E/A-Modul 6: LSB-B participant address 2 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A16.X3:4/6		E	2
684266	E/A-Modul 6: LSB-B participant address 2 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A16.X3:4/6		E	2
684267	E/A-Modul 6: LSB-B participant address 2 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A16.X3:4/6		E	1
687252	E/A-Modul 6: Control data transfer LSB-B has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A16.X3:4/6		E	0
687255	E/A-Modul 6: Control data transfer LSB-B Bus connection faulty/defect, short circuit to supply voltage entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A16.X3:4/6		E	2
687256	E/A-Modul 6: Control data transfer LSB-B Bus connection faulty/defect, no supply/short circuit to earth entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A16.X3:4/6		E	2
687257	E/A-Modul 6: Control data transfer LSB-B has recognised network re-set (data transfer starts again) entry in error memory, driver re-starts and runs re-booting of network check bus lines, withdraw sensors successively from bus until malfunction source recognised, replace defective part	A16.X3:4/6		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
687258	E/A-Modul 6: Control data transfer LSB-B recognised participant with incorrect baud rate in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated from system itself, check address assignment of sensors	A16.X3:4/6		E	0
687259	E/A-Modul 6: Control data transfer LSB-B recognised communication breakdown in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated by driver through re-booting of network	A16.X3:4/6		E	0
687260	E/A-Modul 6: Control data transfer LSB-B driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant with temporary malfunctions error will be eliminated by system itself, with incorrect configuration install new software	A16.X3:4/6		E	2
687261	E/A-Modul 6: Control data transfer LSB-B driver error: undefined message appears entry in error memory, driver re-starts and runs re-booting of network with temporary malfunc. error will be eliminated by system itself otherwise new Software necessary for error elimination	A16.X3:4/6		E	2
687262	E/A-Modul 6: Control data transfer LSB-B Driver error: Initialization error entry in error memory, driver re-starts and runs re-booting of network new Software is necessary for error elimination	A16.X3:4/6		E	2
687530	E/A-Modul 6: CAN-participant engine Data transfer subscriber transfer cycle exceeded CAN-Information from participant has exceeded the defined cycle time check bus lines/neutral point, check defective bus participant	A16.X5:5/6		E	0
687531	E/A-Modul 6: CAN-participant engine Data transfer faulty/missing, max. cycle time exceeded parameterised substitute values for receiver signals will be used check bus lines/neutral point, check defective bus participant	A16.X5:5/6		E	1
689030	E/A-Modul 6: CAN-participant E/A-Modul 6 Data transfer subscriber transfer cycle exceeded CAN-Transmission will be aborted check bus lines/neutral point, replace neutral point or E/A-Modul	A16.X5:5/6		E	0
689031	E/A-Modul 6: CAN-participant E/A-Modul 6 Data transfer faulty/missing, max. cycle time exceeded CAN-Information from participant has exceeded the defined cycle time check bus lines/neutral point, check defective bus participant	A16.X5:5/6		E	1
689900	E/A-Modul 6: Control data transfer CAN internal error at Register-check Controller internal error, CAN-transmission will be aborted replace E/A-Modul	A16.X5:5/6		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
689901	E/A-Modul 6: Control data transfer CAN internal error at RAM-check Controller internal error, CAN-transmission will be aborted replace E/A-Modul	A16.X5:5/6		E	2
689902	E/A-Modul 6: Control data transfer CAN Configuration error Software internal error, CAN-transmission will be aborted replace E/A-Modul, check Software (test system ZE)	A16.X5:5/6		E	2
689903	E/A-Modul 6: Control data transfer CAN Transfer interrupted after continuous error parameterised substitute values for receiver signals will be used in case bus system is error free, check connection of E/A-Modul to CAN-network, replace E/A-Modul	A16.X5:5/6		E	1
689910	E/A-Modul 6: Control data transfer CAN short-term error in bus connection re-attachment of Modul to bus transmission check bus lines/neutral point, unplug individual bus participant and check if error has been eliminated	A16.X5:5/6		E	0
689911	E/A-Modul 6: Control data transfer CAN permanent error bus connection cyclic re-attachment of Modul to bus transmission check bus lines/neutral point, unplug individual bus participant and check if error has been eliminated	A16.X5:5/6		E	1
689920	E/A-Modul 6: Control data transfer CAN active participant not responding parameterised substitute values for receiver signals will be used check error report for missing participant(s), test system ZE	A16.X5:5/6		E	0
689950	E/A-Modul 6: Control data transfer CAN erroneous command test system no reaction to unknown test system control command in CAN-System Software check Software (test system)	A16.X5:5/6		E	1
692001	E/A-Modul 6: control engine long-term disruption E/A-Modul <-> engine control  Check CAN-Bus system, fix error via ignition OFF->ON	A16		E	1
692045	E/A-Modul 6: control engine Signal from sensor air filter underpressure faulty/lacking Check sensor, wiring and air filter	A16		E	1
6920D0	E/A-Modul 6: control engine Emerg. off active, connection interruption at active radio remote cont Em. Off reaction is initiated Emerg. off open, reestablish connection	A16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6920D1	E/A-Modul 6: control engine Emerg. off active, connection interruption at active radio remote cont Em. Off reaction is initiated Emerg. off open, reestablish connection	A16		E	1
6920D2	E/A-Modul 6: control engine Emerg. off active from radio remote control Shut off of releases (Shut off diagram), and control by radio remote control Possibly emerg. off actuated or no radio conn. present	A16		E	1
694190	E/A-Modul 6: LSB-bus participant ZE missing communication with participant not possible, after re-starting of bus communication error will be reset check LSB-network, check participant	A16		E	1
696953	E/A-Modul 6: operation instruments crane operators cab Engine-Stop UC actuated/sticking/short circuit to supply upon start	A16		B	1
701000	Power supply unit: Memory card faulty, transmission error, addressing error Shut-down Replace slide-in card			E	2
702100	Power supply unit: RAM-memory faulty, transmission error, addressing error Shut-down Replace slide-in card, check connections ZE/bus motherboard/power supply unit			E	2
702101	Power supply unit: RAM-memory faulty, transmission error, addressing error Shut-down Replace slide-in card, check connections ZE/bus motherboard/power supply unit			E	2
702200	Power supply unit: FLASH- memory faulty, transmission error, addressing error Shut-down Replace slide-in card, check connections ZE/bus motherboard/power supply unit			E	2
702300	Power supply unit: EEPROM- memory faulty, transmission error, addressing error Shut-down Replace slide-in card, check connections ZE/bus motherboard/power supply unit			E	2
702400	Power supply unit: Globalbus-/QW-transmission faulty, transmission error, addressing error Shut-down Replace slide-in card, check connections ZE/bus motherboard/power supply unit			E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
702401	Power supply unit: Globalbus-/QW-transmission faulty, transmission error, addressing error Shut-down Check ZE/bus motherboard/power supply unit connections			E	2
702500	Power supply unit: FLASH- memory, - module faulty, transmission error, addressing error Shut-down Replace slide-in card, check connections ZE/bus motherboard/power supply unit			E	2
703001	Power supply unit: FPGA faulty, transmission error, addressing error Shut-down Replace slide-in card, check connections ZE/bus motherboard/power supply unit			E	2
709002	Power supply unit: internal error Checksum (CRC) incorrect Shut-down Replace power supply unit			E	2
709003	Power supply unit: internal error ADC-conversion faulty, processor error, time exceeded Shut-down Replace power supply unit			E	2
709004	Power supply unit: internal error faulty/incorrect slide-in card Shut-down Replace slide-in card			E	2
709010	Power supply unit: internal error Signal to Done-Pin incorrect (0) Shut-down Check ZE/bus motherboard/power supply unit			E	2
709011	Power supply unit: internal error Signal to Done-Pin incorrect (1) Shut-down Check ZE/bus motherboard/power supply unit			E	2
709013	Power supply unit: internal error Register fault FPGA Shut-down Check ZE/bus motherboard/power supply unit			E	2
709020	Power supply unit: internal error SCI transmission error, time exceeded (overrun) Shut-down Replace power supply unit			E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
709030	Power supply unit: internal error LCA-design time exceeded (ZE 0 faulty/missing) Shut-down Check ZE/bus motherboard/power supply unit			E	2
709040	Power supply unit: internal error PIC time exceeded Shut-down Replace power supply unit			E	2
709050	Power supply unit: internal error Bus controller addressing/time exceeded/data transmission (P1) Shut-down Replace power supply unit			E	2
709060	Power supply unit: internal error Signal error "Control on" different 0, relay contact sticking Shut-down Check plug/connections/relay			E	2
709080	Power supply unit: internal error Initialising error excess/lack of voltage Shut-down Check voltage supply, replace power supply unit			E	2
709081	Power supply unit: internal error Lack of voltage (P0 = channel, P1 = value) Shut-down Check voltage supply, replace power supply unit			E	2
709082	Power supply unit: internal error Excess voltage (P0 = channel, P1 = value) Shut-down Check voltage supply, replace power supply unit			E	2
709099	Power supply unit: internal error Power supply unit off, power supply unit shut-down (note parameter) Shut-down Replace power supply unit			E	2
843600	heating, air cond.: Aux. heater Superstr. No function, control unit error / heater lock no reaction check fuses, check battery terminals, replace control device	A330		E	1
843601	heating, air cond.: Aux. heater Superstr. no start Error message, function of auxiliary heater is problematic check fuel level and fuel filter, bleed fuel system, clean burner or replace	A330		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
843602	heating, air cond.: Aux. heater Superstr. repeated glow interruption Error message, function of auxiliary heater is problematic check fuel level and fuel filter, bleed fuel system, clean burner or replace	A330		E	1
843603	heating, air cond.: Aux. heater Superstr. lack of voltage/excess voltage Error message, function of auxiliary heater is problematic check battery, check electrical connections	A330.X8:12		E	1
843604	heating, air cond.: Aux. heater Superstr. premature glow identification Error message, function of auxiliary heater is problematic replace flame detector	A330		E	1
843605	heating, air cond.: Aux. heater Superstr. Flame sensor/flame monitor interruption / short circuit Error message, function of auxiliary heater is problematic check cabling for damage, search for break and short, replace flame detector	A330.X6:1		E	1
843606	heating, air cond.: Aux. heater Superstr. Temperature sensor interruption / short circuit (coolant- for Pro) Error message, function of auxiliary heater is problematic check cabling for damage, search for break and short, replace temperature sensor	A330.X5:1		E	1
843607	heating, air cond.: Aux. heater Superstr. Metering pump/ solenoid valve interruption / short circuit/ defect Error message, function of auxiliary heater is problematic check coolant level, bleed coolant circuit, reset temperature limitation, examine cabling	A330.X3:1		E	1
843608	heating, air cond.: Aux. heater Superstr. blower motor interruption/short circuit/erroneous speed Error message, function of auxiliary heater is problematic check cabling for damage, search for break and short, replace combustion air ventilator	A330.X1:1		E	1
843609	heating, air cond.: Aux. heater Superstr. Glow plug interruption / short circuit/ defective (circulation pump Th Error message, function of auxiliary heater is problematic check cabling for damage, search for break and short, replace heater plug	A330.X2:1		E	1
843610	heating, air cond.: Aux. heater Superstr. overheating Error message, function of auxiliary heater is problematic re-fill coolant, press temperature limitation button before switching on, replace temperature limitation	A330		E	1
843611	heating, air cond.: Aux. heater Superstr. Circulation pump interruption / short circuit (ignition spark sensor T Error message, function of auxiliary heater is problematic check cabling for damage, search for break and short, replace water pump	A330.X4.1		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
843612	heating, air cond.: Aux. heater Superstr. Battery disconnect switch short circuit,(heater lock ThermoS) Error message, function of auxiliary heater is problematic check cabling for damage, search for break and short, replace set value transmitter	A330		E	1
890100	Engine uppercarr. Control Travel pedal actuated at selected / active engine brake No acceptance of gases at active engine brake Deactivation of engine brake	A750.X2:34/.X2: 48		E	1
890101	Engine uppercarr. Control Travel pedal actuated at support / superstructure operation No acceptance of gases at active support operation Deactivation of support operation	A750.X2:34/.X2: 48		E	1
890102	Engine uppercarr. Control Function "bleeding fuel supply" activated (gas pedal) Breather function of fuel pump and lines to engine on active Engine RPM > 800 1/min or turn ignition off / on	A750.X2:34/.X2: 48		B	
890400	Engine uppercarr. CAN-Data transfer I/O-Module (ID90x) erroneous/maximum cycle time exceeded Emerg. op.: Momentum and RPM limitation of engine Check cable / plug / I/O-Module(s)	A750.X2:		E	1
890401	Engine uppercarr. CAN-Data transfer Coupling (ID 556) erroneous/maximum cycle time exceeded last received value or replacement value Check cable / plug / coupling module	A750.X2:		E	1
890402	Engine uppercarr. CAN-Data transfer Gear (ID564) erroneous/maximum cycle time exceeded last received value or replacement value Check cable / plug / gear module	A750.X2:		E	1
890403	Engine uppercarr. CAN-Data transfer Gear (ID564) erroneous/maximum cycle time exceeded last received value or replacement value Check cable / plug / gear module	A750.X2:		E	1
890404	Engine uppercarr. CAN-Data transfer Gear (ID668) erroneous/maximum cycle time exceeded last received value or replacement value Check cable / plug / gear module	A750.X2:		E	1
890405	Engine uppercarr. CAN-Data transfer ABV (ID512) erroneous/maximum cycle time exceeded last received value or replacement value Check cable / plug / ABS/ASR-Module1	A750.X2:		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
890406	Engine uppercarr. CAN-Data transfer ABV (ID513) erroneous/maximum cycle time exceeded last received value or replacement value Check cable / plug / ABS/ASR-Module1	A750.X2:		E	1
890407	Engine uppercarr. CAN-Data transfer ABV2 (ID514) erroneous/maximum cycle time exceeded last received value or replacement value Check cable / plug / ABS/ASR-Module2	A750.X2:		E	1
890408	Engine uppercarr. CAN-Data transfer ABV2 (ID515) erroneous/maximum cycle time exceeded last received value or replacement value Check cable / plug / ABS/ASR-Module2	A750.X2:		E	1
890409	Engine uppercarr. CAN-Data transfer Retarder (ID 772) erroneous/maximum cycle time exceeded last received value or replacement value Check cable / plug / retarder module	A750.X2:		E	1
890410	Engine uppercarr. CAN-Data transfer WSK (ID 776) erroneous/maximum cycle time exceeded last received value or replacement value Check cable / plug / converter module	A750.X2:		E	1
890411	Engine uppercarr. CAN-Data transfer Overrun of receiving buffer last received value or replacement value Turn ignition of and on; if error not fixable, load new software in MSG or replace control unit	A750.X2:		E	1
890500	Engine uppercarr. CAN-engine control unit Time exceeded request global process view  internal error, replace control unit	A750.X2:			
890501	Engine uppercarr. CAN-engine control unit Time exceeded at receipt of complete output data last received value or replacement value Turn ignition of and on; if error not fixable, load new software in MSG or replace control unit	A750.X2:		E	1
890502	Engine uppercarr. CAN-engine control unit Data communication failed / interrupted (Sending timeout) last received value or replacement value Check cable / plug / CAN-participant	A750.X2:		E	1
890503	Engine uppercarr. CAN-engine control unit Data communication interrupted (Passive error) last received value or replacement value Check cable / plug / CAN-participant	A750.X2:		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
890504	Engine uppercarr. CAN-engine control unit Data communication interrupted (BusOff) last received value or replacement value Check cable / plug / CAN-participant	A750.X2:		E	1
890600	Engine uppercarr. CAN constr. machinery Time exceeded request global process view Check cable / plug / CAN-participant	A750.X2:		E	1
890601	Engine uppercarr. CAN constr. machinery Time exceeded at receipt of complete output data Check cable / plug / CAN-participant	A750.X2:		E	1
890602	Engine uppercarr. CAN constr. machinery Data communication failed / interrupted (Sending timeout) Check cable / plug / CAN-participant	A750.X2:		E	1
890603	Engine uppercarr. CAN constr. machinery Data communication interrupted (Passive error) Check cable / plug / CAN-participant	A750.X2:		E	1
890604	Engine uppercarr. CAN constr. machinery Data communication interrupted (BusOff) Check cable / plug / CAN-participant	A750.X2:		E	1
890605	Engine uppercarr. CAN constr. machinery Data communication malfunctioning (warning) Check cable / plug / CAN-participant	A750.X2:		E	1
890606	Engine uppercarr. CAN constr. machinery Data communication was malfunctioning (timeout) Check cable / plug / CAN-participant	A750.X2:		E	1
890700	Engine uppercarr. CAN AMET Time exceeded request global process view Check cable / plug / CAN-participant	A750.X2:		E	1
890701	Engine uppercarr. CAN AMET Time exceeded at receipt of complete output data Check cable / plug / CAN-participant	A750.X2:		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
890702	Engine uppercarr. CAN AMET Data communication failed / interrupted (Sending timeout) Check cable / plug / CAN-participant	A750.X2:		E	1
890703	Engine uppercarr. CAN AMET Data communication interrupted (Passive error) Check cable / plug / CAN-participant	A750.X2:		E	1
890704	Engine uppercarr. CAN AMET Data communication interrupted (BusOff) Check cable / plug / CAN-participant	A750.X2:		E	1
890705	Engine uppercarr. CAN AMET Data communication malfunctioning (warning) Check cable / plug / CAN-participant	A750.X2:		E	1
890706	Engine uppercarr. CAN AMET Data communication was malfunctioning (timeout) Check cable / plug / CAN-participant	A750.X2:		E	1
890800	Engine uppercarr. CAN-Data transfer Data communication Tachograph problem Change over to plausible speed source Check cable / plug / tachograph	A750.X2:		E	1
890801	Engine uppercarr. CAN-Data transfer Data communication TSC1 problem No Check cable / plug / CAN-participant	A750.X2:		E	1
890802	Engine uppercarr. CAN-Data transfer Data communication failed / interrupted (Sending timeout) Change over to plausible speed source Check cable / plug / CAN-participant	A750.X2:		E	1
890803	Engine uppercarr. CAN-Data transfer Data communication interrupted (Passive error) Change over to plausible speed source Check cable / plug / CAN-participant	A750.X2:		E	1
890804	Engine uppercarr. CAN-Data transfer Data communication interrupted (BusOff) Change over to plausible speed source Check cable / plug / CAN-participant	A750.X2:		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
890900	Engine uppercarr. CAN-communication status CAN A - Setting Transfer rate 125 Kbaud possible No	A750.X2:		E	1
890901	Engine uppercarr. CAN-communication status CAN A - Setting Transfer rate 250 Kbaud possible No	A750.X2:		E	1
890902	Engine uppercarr. CAN-communication status CAN A - Setting Transfer rate 500 Kbaud possible No	A750.X2:		E	1
890903	Engine uppercarr. CAN-communication status CAN A - Setting Transfer rate 1 Mbaud possible No	A750.X2:		E	1
890904	Engine uppercarr. CAN-communication status CAN B - Setting Transfer rate 125 Kbaud possible No	A750.X2:		E	1
890905	Engine uppercarr. CAN-communication status CAN B - Setting Transfer rate 250 Kbaud possible No	A750.X2:		E	1
890906	Engine uppercarr. CAN-communication status CAN B - Setting Transfer rate 500 Kbaud possible No	A750.X2:		E	1
890907	Engine uppercarr. CAN-communication status CAN B - Setting Transfer rate 1 Mbaud possible No	A750.X2:		E	1
890908	Engine uppercarr. CAN-communication status CAN-connection after problem new synchronized No	A750.X2:		E	1
890909	Engine uppercarr. CAN-communication status Transfer error stored on CAN No	A750.X2:		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
890910	Engine uppercarr. CAN-communication status CAN-transfer rate not recognized / is detected No	A750.X2:		E	1
890911	Engine uppercarr. CAN-communication status CAN-transfer rate not recognized / is detected No	A750.X2:		E	1
890912	Engine uppercarr. CAN-communication status CAN-transfer rate not recognized / is detected	A750.X2:		E	1
891000	Engine uppercarr. Internal error Stack-overflow Engine cannot be started or engine shut off Turn ignition of and on; if error not fixable, load new software in MSG or replace control unit	A750		E	2
891001	Engine uppercarr. Internal error Exception Engine cannot be started or engine shut off Turn ignition of and on; if error not fixable, load new software in MSG or replace control unit	A750		E	2
891002	Engine uppercarr. Internal error Program test Engine cannot be started or engine shut off Turn ignition of and on; if error not fixable, load new software in MSG or replace control unit	A750		E	2
891003	Engine uppercarr. Internal error RAM-Test Engine cannot be started or engine shut off Turn ignition of and on; if error not fixable, load new software in MSG or replace control unit	A750		E	2
891004	Engine uppercarr. Internal error Overflow in error stack No Turn ignition of and on; if error not fixable, load new software in MSG or replace control unit	A750		E	0
891005	Engine uppercarr. Internal error Comp. time error No Turn ignition of and on; if error not fixable, load new software in MSG or replace control unit	A750		E	2
891006	Engine uppercarr. Internal error Error-Index too large The error cannot be shown Turn ignition of and on; if error not fixable, load new software in MSG or replace control unit	A750		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
891100	Engine uppercarr. Memory error EEPROM Error at EEPROM-access Engine cannot be started or engine shut off Turn ignition off and on, if error not fixable, replace engine control unites	A750		E	2
891101	Engine uppercarr. Memory error EEPROM Check sum via parameter memory is erroneous Engine cannot be started or engine shut off Turn ignition off and on, if error not fixable, replace engine control unites	A750		E	2
891102	Engine uppercarr. Memory error EEPROM Parameter memory in EEPROM is invalid Engine cannot be started or engine shut off Turn ignition off and on, if error not fixable, replace engine control unites	A750		E	2
891103	Engine uppercarr. Memory error EEPROM Check sum via ECU-Page is erroneous No Turn ignition off and on, if error not fixable, replace engine control unites	A750		E	0
891104	Engine uppercarr. Memory error EEPROM Check sum via NMI-Page is erroneous No Turn ignition off and on, if error not fixable, replace engine control unites	A750		E	0
891105	Engine uppercarr. Memory error EEPROM Check sum via Work data-Page is erroneous No Turn ignition off and on, if error not fixable, replace engine control unites	A750		E	0
891106	Engine uppercarr. Memory error EEPROM Check sum via load collective is erroneous No Turn ignition off and on, if error not fixable, replace engine control unites	A750		E	0
891107	Engine uppercarr. Memory error EEPROM Structure size of load collective has changed No Turn ignition off and on, if error not fixable, replace engine control unites	A750		E	0
891108	Engine uppercarr. Memory error EEPROM EEPROM has insufficient memory for load collective free No Turn ignition off and on, if error not fixable, replace engine control unites	A750		E	0
891109	Engine uppercarr. Memory error EEPROM Check sum via permanent data is erroneous No Turn ignition off and on, if error not fixable, replace engine control unites	A750		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
891200	Engine uppercarr. Power supply Supply voltage too low Engine cannot be started or engine shut off Check power supply (battery, alternator, wiring, plug).	A750.X2:		E	1
891201	Engine uppercarr. Power supply Supply voltage too high Engine cannot be started or engine shut off; only communication with diagnostics tool Check power supply (battery, alternator, wiring, plug)	A750.X2:		E	1
891202	Engine uppercarr. Power supply Digital output short circuit after supply voltage Engine shut off; only communication with diagnostics tool Wiring, check engine control unit; replace engine control unit if nec.	A750.X2:		E	1
891203	Engine uppercarr. Power supply Error at release of power outputs Engine shut off; shut off of all digital outlets Wiring, check engine control unit; replace engine control unit if nec.	A750.X2:		E	1
891204	Engine uppercarr. Power supply Current supply PS1 erroneous/missing Engine cannot be started or engine shut off Check power supply (battery, alternator, wiring, plug) in rel. to PS1	A750.X2:		E	1
891205	Engine uppercarr. Power supply Error on 12V-Reference: Voltage too low (<10V) Engine cannot be started or engine shut off Check power supply (battery, alternator, wiring, plug) in rel. to PS1	A750.X2:		E	1
891206	Engine uppercarr. Power supply Error on 12V-Reference: Voltage too high (>14V) Engine cannot be started or engine shut off Check power supply (battery, alternator, wiring, plug) in rel. to PS1	A750.X2:		E	1
891500	Engine uppercarr. Configuration error Fan control The fan control is deactivated. Resulting in maximum vent position New data set, or replace engine control unit	A750		E	1
891501	Engine uppercarr. Configuration error Full load curve (incorrect Offset) The matching of the performance curve is internally limited New data set, or replace engine control unit	A750		E	1
891502	Engine uppercarr. Configuration error Monitoring Travel pedal Pedal unit is not monitored New data set, or replace engine control unit	A750		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
891503	Engine uppercarr. Configuration error Incorrect pump code Injector class 3 is used as replacement value Check pump coding and change (via diagnostics or corr. diagnostics tool)	A750		E	1
891504	Engine uppercarr. Configuration error Assignment error at high pressure sensors Emerg. op.: Shut off of CR-High pr. pump New data set, or replace engine control unit	A750		E	1
891505	Engine uppercarr. Configuration error No high pressure pump active Emerg. op.: Shut off of CR-High pr. pump New data set, or replace engine control unit	A750		E	1
891506	Engine uppercarr. Configuration error Current output for high pressure pump 1 not active Emerg. op.: Shut off of CR-High pr. pump New data set, or replace engine control unit	A750		E	1
891507	Engine uppercarr. Configuration error Current output for high pressure pump 2 not active Emerg. op.: Shut off of CR-High pr. pump New data set, or replace engine control unit	A750		E	1
891900	Engine uppercarr. Speed recording Maximum difference travel speed Tacho<>Gear exceeded The larger speed value is used Check Wiring engine control unit to speed sensor or check speed sensor.	A750		E	1
892000	Engine uppercarr. Alternator Undervoltage at engine start No Check wiring engine control unit to alternator and alternator.	A750.X2:		E	1
892001	Engine uppercarr. Alternator Undervoltage at engine on No Check wiring engine control unit to alternator and alternator.	A750.X2:		E	1
892002	Engine uppercarr. Alternator Undervoltage at engine on No Check wiring engine control unit to alternator and alternator.	A750.X2:		E	1
892003	Engine uppercarr. Alternator Overvoltage at engine on No Check wiring engine control unit to alternator and alternator.	A750.X2:		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
892004	Engine uppercarr. Alternator Voltage deviation to supply voltage too low No Check wiring engine control unit to alternator and alternator.	A750.X2:		E	1
892005	Engine uppercarr. Alternator Voltage deviation to supply voltage too high No Check wiring engine control unit to alternator and alternator.	A750.X2:		E	1
892100	Engine uppercarr. Travel pedal No gas switch erroneous Use low value Check wiring engine control unit to travel pedal. Check travel pedal / replace	A750		E	1
892101	Engine uppercarr. Travel pedal maximum signal difference channel 1 and 2 exceeded Use low value Check wiring engine control unit to travel pedal. Check travel pedal / replace	A750		E	1
892800	Engine uppercarr. Exhaust return (AGR2) Short circuit after ground or broken wire External AGR2 is not actuated Check wiring harness / plug / AGR2 valve / engine control unit	A750.X1:		E	1
892801	Engine uppercarr. Exhaust return (AGR2) short circuit to supply voltage External AGR2 is not actuated Check wiring harness / plug / AGR2 valve / engine control unit	A750.X1:		E	1
892802	Engine uppercarr. Exhaust return (AGR2) Hardware error (Transistor defective) External AGR2 is not actuated Check engine control unit	A750.X1:		E	1
892803	Engine uppercarr. Exhaust return (AGR2) Rule deviation negative External AGR2 is not actuated Check wiring harness / plug / AGR2 valve / engine control unit	A750.X1:		E	1
892804	Engine uppercarr. Exhaust return (AGR2) Rule deviation positive External AGR2 is not actuated Check wiring harness / plug / AGR2 valve / engine control unit	A750.X1:		E	1
892805	Engine uppercarr. Exhaust return (AGR2) Logic threshold breach in shut off condition External AGR2 is not actuated Check wiring harness / plug / AGR2 valve / engine control unit	A750.X1:		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
892806	Engine uppercarr. Exhaust return (AGR2) Logic threshold breach (Current less than perm. minimum value) External AGR2 is not actuated Check wiring harness / plug / AGR2 valve / engine control unit	A750.X1:		E	1
892807	Engine uppercarr. Exhaust return (AGR2) Logic threshold breach (Current more than perm. maximum value) External AGR2 is not actuated Check wiring harness / plug / AGR2 valve / engine control unit	A750.X1:		E	1
892811	Engine uppercarr. Exhaust return (AGR2) open without actuation External AGR2 is not actuated Check wiring harness / plug / AGR2 valve / engine control unit	A750.X1:		E	1
892812	Engine uppercarr. Exhaust return (AGR2) closed despite actuation External AGR2 is not actuated Check wiring harness / plug / AGR2 valve / engine control unit	A750.X1:		E	1
892900	Engine uppercarr. Air flap Short circuit after ground or broken wire Air vent is not actuated Check cable harness / plug / air vent / engine control unit	A750.X2:12/13		E	1
892901	Engine uppercarr. Air flap short circuit to supply voltage Air vent is not actuated Check cable harness / plug / air vent / engine control unit	A750.X2:12/13		E	1
892902	Engine uppercarr. Air flap Hardware error (Transistor defective) Air vent is not actuated Check engine control unit	A750.X2:12/13		E	1
892903	Engine uppercarr. Air flap Rule deviation negative Air vent is not actuated Check cable harness / plug / air vent / engine control unit	A750.X2:12/13		E	1
892904	Engine uppercarr. Air flap Rule deviation positive Air vent is not actuated Check cable harness / plug / air vent / engine control unit	A750.X2:12/13		E	1
892905	Engine uppercarr. Air flap Logic threshold breach in shut off condition Air vent is not actuated Check cable harness / plug / air vent / engine control unit	A750.X2:12/13		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
892906	Engine uppercarr. Air flap Logic threshold breach (Current less than perm. minimum value) Air vent is not actuated Check cable harness / plug / air vent / engine control unit	A750.X2:12/13		E	1
892907	Engine uppercarr. Air flap Logic threshold breach (Current more than perm. maximum value) Air vent is not actuated Check cable harness / plug / air vent / engine control unit	A750.X2:12/13		E	1
892908	Engine uppercarr. Air flap Over current LowSide Air vent is not actuated Check cable harness / plug / air vent / engine control unit	A750.X2:12/13		E	1
892909	Engine uppercarr. Air flap Over current HighSide Air vent is not actuated Check cable harness / plug / air vent / engine control unit	A750.X2:12/13		E	1
892910	Engine uppercarr. Air flap PWM on maximum Air vent is not actuated Check cable harness / plug / air vent / engine control unit	A750.X2:12/13		E	1
893003	Engine uppercarr. High pressure pump 1 Rule deviation negative Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:		E	1
893004	Engine uppercarr. High pressure pump 1 Rule deviation positive Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:		E	1
893005	Engine uppercarr. High pressure pump 1 Current to high in shut off condition Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:		E	1
893006	Engine uppercarr. High pressure pump 1 Current to low in actuated condition Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:		E	1
893007	Engine uppercarr. High pressure pump 1 Current to high in actuated condition Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
893008	Engine uppercarr. High pressure pump 1 UeberCurrent LowSide (ground switch ) Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:		E	1
893009	Engine uppercarr. High pressure pump 1 UeberCurrent HighSide (Plus-switch) Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:		E	1
893010	Engine uppercarr. High pressure pump 1 PWM on maximum Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:		E	1
893103	Engine uppercarr. High pressure pump 2 Rule deviation negative Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:		E	1
893104	Engine uppercarr. High pressure pump 2 Rule deviation positive Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:		E	1
893105	Engine uppercarr. High pressure pump 2 Current to high in shut off condition Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:		E	1
893106	Engine uppercarr. High pressure pump 2 Current to low in actuated condition Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:		E	1
893107	Engine uppercarr. High pressure pump 2 Current to high in actuated condition Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:		E	1
893108	Engine uppercarr. High pressure pump 2 UeberCurrent LowSide (ground switch ) Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:		E	1
893109	Engine uppercarr. High pressure pump 2 UeberCurrent HighSide (Plus-switch) Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
893110	Engine uppercarr. High pressure pump 2 PWM on maximum Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:		E	1
893200	Engine uppercarr. Starter short circuit to ground Engine start not possible Check cable harness / plug / Starter / engine control unit	A750.X1:29		E	1
893201	Engine uppercarr. Starter short circuit to supply voltage Engine start not possible Check cable harness / plug / Starter / engine control unit	A750.X1:29		E	1
893300	Engine uppercarr. Fan control Short circuit after ground or broken wire The fan control is deactivated. Resulting in maximum vent position Check wiring harness / plug / fan proportional valve / engine control unit	A750.X2:26/27		E	1
893301	Engine uppercarr. Fan control short circuit to supply voltage The fan control is deactivated. Resulting in maximum vent position Check wiring harness / plug / fan proportional valve / engine control unit	A750.X2:26/27		E	1
893302	Engine uppercarr. Fan control Hardware error (Transistor defective) The fan control is deactivated. Resulting in maximum vent position Check engine control unit	A750.X2:26/27		E	1
893303	Engine uppercarr. Fan control Rule deviation negative The fan control is deactivated. Resulting in maximum vent position Check wiring harness / plug / fan proportional valve / engine control unit	A750.X2:26/27		E	1
893304	Engine uppercarr. Fan control Rule deviation positive The fan control is deactivated. Resulting in maximum vent position Check wiring harness / plug / fan proportional valve / engine control unit	A750.X2:26/27		E	1
893305	Engine uppercarr. Fan control Logic threshold breach in shut off condition The fan control is deactivated. Resulting in maximum vent position Check wiring harness / plug / fan proportional valve / engine control unit	A750.X2:26/27		E	1
893306	Engine uppercarr. Fan control Logic threshold breach (Current less than perm. minimum value) The fan control is deactivated. Resulting in maximum vent position Check wiring harness / plug / fan proportional valve / engine control unit	A750.X2:26/27		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
893307	Engine uppercarr. Fan control Logic threshold breach (Current more than perm. maximum value) The fan control is deactivated. Resulting in maximum vent position Check wiring harness / plug / fan proportional valve / engine control unit	A750.X2:26/27		E	1
893400	Engine uppercarr. Engine brake Short circuit after ground or broken wire Engine brake flap is not actuated Check cable harness / plug / engine brake flap / engine control unit	A750.X2:11		E	1
893401	Engine uppercarr. Engine brake short circuit to supply voltage Engine brake flap is not actuated Check cable harness / plug / engine brake flap / engine control unit	A750.X2:11		E	1
893402	Engine uppercarr. Engine brake Hardware error (Transistor defective) Engine brake flap is not actuated Check engine control unit	A750.X2:11		E	1
893403	Engine uppercarr. Engine brake Rule deviation negative Engine brake flap is not actuated Check cable harness / plug / engine brake flap / engine control unit	A750.X2:11		E	1
893404	Engine uppercarr. Engine brake Rule deviation positive Engine brake flap is not actuated Check cable harness / plug / engine brake flap / engine control unit	A750.X2:11		E	1
893405	Engine uppercarr. Engine brake Logic threshold breach in shut off condition Engine brake flap is not actuated Check cable harness / plug / engine brake flap / engine control unit	A750.X2:11		E	1
893406	Engine uppercarr. Engine brake Logic threshold breach (Current less than perm. minimum value) Engine brake flap is not actuated Check cable harness / plug / engine brake flap / engine control unit	A750.X2:11		E	1
893407	Engine uppercarr. Engine brake Logic threshold breach (Current more than perm. maximum value) Engine brake flap is not actuated Check cable harness / plug / engine brake flap / engine control unit	A750.X2:11		E	1
893500	Engine uppercarr. Heater flange unit 1 Short circuit after ground or broken wire Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:39/64		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
893501	Engine uppercarr. Heater flange unit 1 short circuit to supply voltage Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:39/64		E	1
893502	Engine uppercarr. Heater flange unit 1 Hardware error (Transistor defective) Failure of pre- and afterheat phase Check engine control unit	A750.X2:39/64		E	1
893503	Engine uppercarr. Heater flange unit 1 Rule deviation negative Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:39/64		E	1
893504	Engine uppercarr. Heater flange unit 1 Rule deviation positive Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:39/64		E	1
893505	Engine uppercarr. Heater flange unit 1 Logic threshold breach in shut off condition Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:39/64		E	1
893506	Engine uppercarr. Heater flange unit 1 Logic threshold breach (Current less than perm. minimum value) Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:39/64		E	1
893507	Engine uppercarr. Heater flange unit 1 Logic threshold breach (Current more than perm. maximum value) Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:39/64		E	1
893511	Engine uppercarr. Heater flange unit 1 No voltage on heater element Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:39/64		E	1
893512	Engine uppercarr. Heater flange unit 1 Voltage on heater element Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:39/64		E	1
893600	Engine uppercarr. Heater flange unit 2 Short circuit after ground or broken wire Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:25/65		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
893601	Engine uppercarr. Heater flange unit 2 short circuit to supply voltage Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:25/65		E	1
893602	Engine uppercarr. Heater flange unit 2 Hardware error (Transistor defective) Failure of pre- and afterheat phase Check engine control unit	A750.X2:25/65		E	1
893603	Engine uppercarr. Heater flange unit 2 Rule deviation negative Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:25/65		E	1
893604	Engine uppercarr. Heater flange unit 2 Rule deviation positive Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:25/65		E	1
893605	Engine uppercarr. Heater flange unit 2 Logic threshold breach in shut off condition Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:25/65		E	1
893606	Engine uppercarr. Heater flange unit 2 Logic threshold breach (Current less than perm. minimum value) Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:25/65		E	1
893607	Engine uppercarr. Heater flange unit 2 Logic threshold breach (Current more than perm. maximum value) Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:25/65		E	1
893611	Engine uppercarr. Heater flange unit 2 No voltage on heater element Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:25/65		E	1
893612	Engine uppercarr. Heater flange unit 2 Voltage on heater element Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:25/65		E	1
893700	Engine uppercarr. Solenoid valves Short circuit after ground or broken wire Failure of after heat phase Check cable harness / plug / solenoid valve flame start system/ engine control unit	A750.X2:25/65		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
893701	Engine uppercarr. Solenoid valves short circuit to supply voltage Failure of after heat phase Check cable harness / plug / solenoid valve flame start system/ engine control unit	A750.X2:25/65		E	1
893702	Engine uppercarr. Solenoid valves Hardware error (Transistor defective) Failure of after heat phase Check engine control unit	A750.X2:25/65		E	1
893703	Engine uppercarr. Solenoid valves Rule deviation negative Failure of after heat phase Check cable harness / plug / solenoid valve flame start system/ engine control unit	A750.X2:25/65		E	1
893704	Engine uppercarr. Solenoid valves Rule deviation positive Failure of after heat phase Check cable harness / plug / solenoid valve flame start system/ engine control unit	A750.X2:25/65		E	1
893705	Engine uppercarr. Solenoid valves Logic threshold breach in shut off condition Failure of after heat phase Check cable harness / plug / solenoid valve flame start system/ engine control unit	A750.X2:25/65		E	1
893706	Engine uppercarr. Solenoid valves Logic threshold breach (Current less than perm. minimum value) Failure of after heat phase Check cable harness / plug / solenoid valve flame start system/ engine control unit	A750.X2:25/65		E	1
893707	Engine uppercarr. Solenoid valves Logic threshold breach (Current more than perm. maximum value) Failure of after heat phase Check cable harness / plug / solenoid valve flame start system/ engine control unit	A750.X2:25/65		E	1
893800	Engine uppercarr. Turbo charger Short circuit after ground or broken wire Turbocharger is not actuated Check cable harness / plug / solenoid valve Turbo charger / engine control unit	A750		E	1
893801	Engine uppercarr. Turbo charger short circuit to supply voltage Turbocharger is not actuated Check cable harness / plug / solenoid valve Turbo charger / engine control unit	A750		E	1
893802	Engine uppercarr. Turbo charger Hardware error (Transistor defective) Turbocharger is not actuated Check engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
893803	Engine uppercarr. Turbo charger Rule deviation negative Turbocharger is not actuated Check cable harness / plug / solenoid valve Turbo charger / engine control unit	A750		E	1
893804	Engine uppercarr. Turbo charger Rule deviation positive Turbocharger is not actuated Check cable harness / plug / solenoid valve Turbo charger / engine control unit	A750		E	1
893805	Engine uppercarr. Turbo charger Logic threshold breach in shut off condition Turbocharger is not actuated Check cable harness / plug / solenoid valve Turbo charger / engine control unit	A750		E	1
893806	Engine uppercarr. Turbo charger Logic threshold breach (Current less than perm. minimum value) Turbocharger is not actuated Check cable harness / plug / solenoid valve Turbo charger / engine control unit	A750		E	1
893807	Engine uppercarr. Turbo charger Logic threshold breach (Current more than perm. maximum value) Turbocharger is not actuated Check cable harness / plug / solenoid valve Turbo charger / engine control unit	A750		E	1
893900	Engine uppercarr. Exhaust return (AGR) Short circuit after ground or broken wire External AGR is not actuated Check cable harness / plug / AGR-valve / engine control unit	A750.X1:		E	1
893901	Engine uppercarr. Exhaust return (AGR) short circuit to supply voltage External AGR is not actuated Check cable harness / plug / AGR-valve / engine control unit	A750.X1:		E	1
893902	Engine uppercarr. Exhaust return (AGR) Hardware error (Transistor defective) External AGR is not actuated Check engine control unit	A750.X1:		E	1
893903	Engine uppercarr. Exhaust return (AGR) Rule deviation negative External AGR is not actuated Check cable harness / plug / AGR-valve / engine control unit	A750.X1:		E	1
893904	Engine uppercarr. Exhaust return (AGR) Rule deviation positive External AGR is not actuated Check cable harness / plug / AGR-valve / engine control unit	A750.X1:		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
893905	Engine uppercarr. Exhaust return (AGR) Logic threshold breach (Current higher than perm. min. value) External AGR is not actuated Check cable harness / plug / AGR-valve / engine control unit	A750.X1:		E	1
893906	Engine uppercarr. Exhaust return (AGR) Logic threshold breach (Current less than perm. minimum value) External AGR is not actuated Check cable harness / plug / AGR-valve / engine control unit	A750.X1:		E	1
893907	Engine uppercarr. Exhaust return (AGR) Logic threshold breach (Current more than perm. maximum value) External AGR is not actuated Check cable harness / plug / AGR-valve / engine control unit	A750.X1:		E	1
893911	Engine uppercarr. Exhaust return (AGR) open without actuation External AGR is not actuated Check cable harness / plug / AGR-valve / engine control unit	A750.X1:		E	1
893912	Engine uppercarr. Exhaust return (AGR) closed despite actuation External AGR is not actuated Check cable harness / plug / AGR-valve / engine control unit	A750.X1:		E	1
894000	Engine uppercarr. Emerg. Op. indicator Short circuit after ground or broken wire None Check cable harness / plug / warn. light / engine control unit	A750.X2:42		E	1
894001	Engine uppercarr. Emerg. Op. indicator short circuit to supply voltage None Check cable harness / plug / warn. light / engine control unit	A750.X2:42		E	1
894002	Engine uppercarr. Emerg. Op. indicator Hardware error (Transistor defective) None Check engine control unit	A750.X2:42		E	1
894100	Engine uppercarr. Indicator light preglow / start readiness Short circuit after ground or broken wire None Check cable harness / plug / warn. light / engine control unit	A750.X2:28		E	1
894101	Engine uppercarr. Indicator light preglow / start readiness short circuit to supply voltage None Check cable harness / plug / warn. light / engine control unit	A750.X2:28		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
894102	Engine uppercarr. Indicator light preglow / start readiness Hardware error (Transistor defective) None Check engine control unit	A750.X2:28		E	1
894200	Engine uppercarr. Charge indicator Alternator Short circuit after ground or broken wire None Check cable harness / plug / warn. light / engine control unit	A750.X2:14		E	1
894201	Engine uppercarr. Charge indicator Alternator short circuit to supply voltage None Check cable harness / plug / warn. light / engine control unit	A750.X2:14		E	1
894202	Engine uppercarr. Charge indicator Alternator Hardware error (Transistor defective) None Check engine control unit	A750.X2:14		E	1
894300	Engine uppercarr. fan control 1 (reversible) Short circuit after ground or broken wire	A750.X2:26/27		E	1
894301	Engine uppercarr. fan control 1 (reversible) short circuit to supply voltage	A750.X2:26/27		E	1
894302	Engine uppercarr. fan control 1 (reversible) Hardware error (Transistor defective)	A750.X2:26/27		E	1
894303	Engine uppercarr. fan control 1 (reversible) Rule deviation negative	A750.X2:26/27		E	1
894304	Engine uppercarr. fan control 1 (reversible) Rule deviation positive	A750.X2:26/27		E	1
894305	Engine uppercarr. fan control 1 (reversible) Logic threshold breach in shut off condition	A750.X2:26/27		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
894306	Engine uppercarr. fan control 1 (reversible) Logic threshold breach (Current less than perm. minimum value)	A750.X2:26/27		E	1
894307	Engine uppercarr. fan control 1 (reversible) Logic threshold breach (Current more than perm. maximum value)	A750.X2:26/27		E	1
894400	Engine uppercarr. fan control 2 (reversible) Short circuit after ground or broken wire	A750.X2:26/27		E	1
894401	Engine uppercarr. fan control 2 (reversible) short circuit to supply voltage	A750.X2:26/27		E	1
894402	Engine uppercarr. fan control 2 (reversible) Hardware error (Transistor defective)	A750.X2:26/27		E	1
894403	Engine uppercarr. fan control 2 (reversible) Rule deviation negative	A750.X2:26/27		E	1
894404	Engine uppercarr. fan control 2 (reversible) Rule deviation positive	A750.X2:26/27		E	1
894405	Engine uppercarr. fan control 2 (reversible) Logic threshold breach in shut off condition	A750.X2:26/27		E	1
894406	Engine uppercarr. fan control 2 (reversible) Logic threshold breach (Current less than perm. minimum value)	A750.X2:26/27		E	1
894407	Engine uppercarr. fan control 2 (reversible) Logic threshold breach (Current more than perm. maximum value)	A750.X2:26/27		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
894500	Engine uppercarr. Rail pressure system Pressure relief valve 1 open High pressure regulation emergency operation activated Test Rail circuit 1	A750		E	1
894501	Engine uppercarr. Rail pressure system Pressure relief valve 2 open High pressure regulation emergency operation activated Test Rail circuit 2	A750		E	1
894502	Engine uppercarr. Rail pressure system Emergency operation high pressure regulation active Power reduction, high pressure pump control turned off Test Rail circuit 1/2 / wiring harness / plug	A750		E	1
894503	Engine uppercarr. Rail pressure system Pressure difference between high pressure sensor 1 and 2 No reaction on engine, the higher sensor value is used Test wiring harness/ plug / rail pressure sensors / rail circuit 1/2	A750		E	1
894504	Engine uppercarr. Rail pressure system Regulation deviation in CR-regulating circuit 1 None Test Rail circuit 1	A750		E	1
894505	Engine uppercarr. Rail pressure system Regulation deviation in CR-regulating circuit 2 None Test Rail circuit 2	A750		E	1
894900	Engine uppercarr. RPM signal output Short circuit after ground or broken wire No Check wiring harness / plug / connected modules	A750		E	1
894901	Engine uppercarr. RPM signal output short circuit to supply voltage No Check wiring harness / plug / connected modules	A750		E	1
895000	Engine uppercarr. Cylinder A1 Current back test erroneous or broken wire No Check cable / plug / solenoid valve / engine control unit	A750.X1:22/8		E	2
895001	Engine uppercarr. Cylinder A1 UeberCurrent LowSide (ground switch ) No Check cable / plug / solenoid valve / engine control unit	A750.X1:22/8		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
895002	Engine uppercarr. Cylinder A1 UeberCurrent HighSide (Plus switch ) No Check cable / plug / solenoid valve / engine control unit	A750.X1:22/8		E	2
895003	Engine uppercarr. Cylinder A1 Overcurent HighSide (free wheel) No Check cable / plug / solenoid valve / engine control unit	A750.X1:22/8		E	2
895005	Engine uppercarr. Cylinder A1 Fly time too small No Check cable / plug / solenoid valve / engine control unit	A750.X1:22/8		E	
895006	Engine uppercarr. Cylinder A1 Fly time too large No Check cable / plug / solenoid valve / engine control unit	A750.X1:22/8		E	0
895007	Engine uppercarr. Cylinder A1 No increase time measured No Replace engine control unit	A750.X1:22/8		E	2
895008	Engine uppercarr. Cylinder A1 Increase time too large No New data set, or replace engine control unit	A750.X1:22/8		E	
895100	Engine uppercarr. Cylinder A2 Current back test erroneous or broken wire No Check cable / plug / solenoid valve / engine control unit	A750.X1:21/7		E	2
895101	Engine uppercarr. Cylinder A2 UeberCurrent LowSide (ground switch ) No Check cable / plug / solenoid valve / engine control unit	A750.X1:21/7		E	2
895102	Engine uppercarr. Cylinder A2 UeberCurrent HighSide (Plus switch ) No Check cable / plug / solenoid valve / engine control unit	A750.X1:21/7		E	2
895103	Engine uppercarr. Cylinder A2 Overcurent HighSide (free wheel) No Check cable / plug / solenoid valve / engine control unit	A750.X1:21/7		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
895104	Engine uppercarr. Cylinder A2 No fly time measured No Replace engine control unit	A750.X1:21/7		E	2
895105	Engine uppercarr. Cylinder A2 Fly time too small No Check cable / plug / solenoid valve / engine control unit	A750.X1:21/7		E	
895106	Engine uppercarr. Cylinder A2 Fly time too large No Check cable / plug / solenoid valve / engine control unit	A750.X1:21/7		E	0
895107	Engine uppercarr. Cylinder A2 No increase time measured No Replace engine control unit	A750.X1:21/7		E	2
895108	Engine uppercarr. Cylinder A2 Increase time too large No New data set, or replace engine control unit	A750.X1:21/7		E	
895200	Engine uppercarr. Cylinder A3 Current back test erroneous or broken wire No Check cable / plug / solenoid valve / engine control unit	A750.X1:20/6		E	2
895201	Engine uppercarr. Cylinder A3 UeberCurrent LowSide (ground switch ) No Check cable / plug / solenoid valve / engine control unit	A750.X1:20/6		E	2
895202	Engine uppercarr. Cylinder A3 UeberCurrent HighSide (Plus switch ) No Check cable / plug / solenoid valve / engine control unit	A750.X1:20/6		E	2
895203	Engine uppercarr. Cylinder A3 Overcurent HighSide (free wheel) No Check cable / plug / solenoid valve / engine control unit	A750.X1:20/6		E	2
895204	Engine uppercarr. Cylinder A3 No fly time measured No Replace engine control unit	A750.X1:20/6		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
895205	Engine uppercarr. Cylinder A3 Fly time too small No Check cable / plug / solenoid valve / engine control unit	A750.X1:20/6		E	
895206	Engine uppercarr. Cylinder A3 Fly time too large No Check cable / plug / solenoid valve / engine control unit	A750.X1:20/6		E	0
895207	Engine uppercarr. Cylinder A3 No increase time measured No Replace engine control unit	A750.X1:20/6		E	2
895208	Engine uppercarr. Cylinder A3 Increase time too large No New data set, or replace engine control unit	A750.X1:20/6		E	
895300	Engine uppercarr. Cylinder A4 Current back test erroneous or broken wire No Check cable / plug / solenoid valve / engine control unit	A750.X1:19/5		E	2
895301	Engine uppercarr. Cylinder A4 UeberCurrent LowSide (ground switch ) No Check cable / plug / solenoid valve / engine control unit	A750.X1:19/5		E	2
895302	Engine uppercarr. Cylinder A4 UeberCurrent HighSide (Plus switch ) No Check cable / plug / solenoid valve / engine control unit	A750.X1:19/5		E	2
895303	Engine uppercarr. Cylinder A4 Overcurent HighSide (free wheel) No Check cable / plug / solenoid valve / engine control unit	A750.X1:19/5		E	2
895304	Engine uppercarr. Cylinder A4 No fly time measured No Replace engine control unit	A750.X1:19/5		E	2
895305	Engine uppercarr. Cylinder A4 Fly time too small No Check cable / plug / solenoid valve / engine control unit	A750.X1:19/5		E	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
895306	Engine uppercarr. Cylinder A4 Fly time too large No Check cable / plug / solenoid valve / engine control unit	A750.X1:19/5		E	0
895307	Engine uppercarr. Cylinder A4 No increase time measured No Replace engine control unit	A750.X1:19/5		E	2
895308	Engine uppercarr. Cylinder A4 Increase time too large No New data set, or replace engine control unit	A750.X1:19/5		E	
895800	Engine uppercarr. Cylinder B1 Current back test erroneous or broken wire No Check cable / plug / solenoid valve / engine control unit	A750.X1:18/4		E	2
895801	Engine uppercarr. Cylinder B1 UeberCurrent LowSide (ground switch ) No Check cable / plug / solenoid valve / engine control unit	A750.X1:18/4		E	2
895802	Engine uppercarr. Cylinder B1 UeberCurrent HighSide (Plus switch ) No Check cable / plug / solenoid valve / engine control unit	A750.X1:18/4		E	2
895803	Engine uppercarr. Cylinder B1 Overcurent HighSide (free wheel) No Check cable / plug / solenoid valve / engine control unit	A750.X1:18/4		E	2
895804	Engine uppercarr. Cylinder B1 No fly time measured No Replace engine control unit	A750.X1:18/4		E	2
895805	Engine uppercarr. Cylinder B1 Fly time too small No Check cable / plug / solenoid valve / engine control unit	A750.X1:18/4		E	
895806	Engine uppercarr. Cylinder B1 Fly time too large No Check cable / plug / solenoid valve / engine control unit	A750.X1:18/4		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
895807	Engine uppercarr. Cylinder B1 No increase time measured No Replace engine control unit	A750.X1:18/4		E	2
895808	Engine uppercarr. Cylinder B1 Increase time too large No New data set, or replace engine control unit	A750.X1:18/4		E	
895900	Engine uppercarr. Cylinder B2 Current back test erroneous or broken wire No Check cable / plug / solenoid valve / engine control unit	A750.X1:17/3		E	2
895901	Engine uppercarr. Cylinder B2 UeberCurrent LowSide (ground switch ) No Check cable / plug / solenoid valve / engine control unit	A750.X1:17/3		E	2
895902	Engine uppercarr. Cylinder B2 UeberCurrent HighSide (Plus switch ) No Check cable / plug / solenoid valve / engine control unit	A750.X1:17/3		E	2
895903	Engine uppercarr. Cylinder B2 Overcurent HighSide (free wheel) No Check cable / plug / solenoid valve / engine control unit	A750.X1:17/3		E	2
895904	Engine uppercarr. Cylinder B2 No fly time measured No Replace engine control unit	A750.X1:17/3		E	2
895905	Engine uppercarr. Cylinder B2 Fly time too small No Check cable / plug / solenoid valve / engine control unit	A750.X1:17/3		E	
895906	Engine uppercarr. Cylinder B2 Fly time too large No Check cable / plug / solenoid valve / engine control unit	A750.X1:17/3		E	0
895907	Engine uppercarr. Cylinder B2 No increase time measured No Replace engine control unit	A750.X1:17/3		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
895908	Engine uppercarr. Cylinder B2 Increase time too large No New data set, or replace engine control unit	A750.X1:17/3		E	
896000	Engine uppercarr. Cylinder B3 Current back test erroneous or broken wire No Check cable / plug / solenoid valve / engine control unit	A750.X1:16/2		E	2
896001	Engine uppercarr. Cylinder B3 UeberCurrent LowSide (ground switch ) No Check cable / plug / solenoid valve / engine control unit	A750.X1:16/2		E	2
896002	Engine uppercarr. Cylinder B3 UeberCurrent HighSide (Plus switch ) No Check cable / plug / solenoid valve / engine control unit	A750.X1:16/2		E	2
896003	Engine uppercarr. Cylinder B3 Overcurent HighSide (free wheel) No Check cable / plug / solenoid valve / engine control unit	A750.X1:16/2		E	2
896004	Engine uppercarr. Cylinder B3 No fly time measured No Replace engine control unit	A750.X1:16/2		E	2
896005	Engine uppercarr. Cylinder B3 Fly time too small No Check cable / plug / solenoid valve / engine control unit	A750.X1:16/2		E	
896006	Engine uppercarr. Cylinder B3 Fly time too large No Check cable / plug / solenoid valve / engine control unit	A750.X1:16/2		E	0
896007	Engine uppercarr. Cylinder B3 No increase time measured No Replace engine control unit	A750.X1:16/2		E	2
896008	Engine uppercarr. Cylinder B3 Increase time too large No New data set, or replace engine control unit	A750.X1:16/2		E	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
896100	Engine uppercarr. Cylinder B4 Current back test erroneous or broken wire No Check cable / plug / solenoid valve / engine control unit	A750.X1:15/1		E	2
896101	Engine uppercarr. Cylinder B4 UeberCurrent LowSide (ground switch ) No Check cable / plug / solenoid valve / engine control unit	A750.X1:15/1		E	2
896102	Engine uppercarr. Cylinder B4 UeberCurrent HighSide (Plus switch ) No Check cable / plug / solenoid valve / engine control unit	A750.X1:15/1		E	2
896103	Engine uppercarr. Cylinder B4 Overcurent HighSide (free wheel) No Check cable / plug / solenoid valve / engine control unit	A750.X1:15/1		E	2
896104	Engine uppercarr. Cylinder B4 No fly time measured No Replace engine control unit	A750.X1:15/1		E	2
896105	Engine uppercarr. Cylinder B4 Fly time too small No Check cable / plug / solenoid valve / engine control unit	A750.X1:15/1		E	
896106	Engine uppercarr. Cylinder B4 Fly time too large No Check cable / plug / solenoid valve / engine control unit	A750.X1:15/1		E	0
896107	Engine uppercarr. Cylinder B4 No increase time measured No Replace engine control unit	A750.X1:15/1		E	2
896108	Engine uppercarr. Cylinder B4 Increase time too large No New data set, or replace engine control unit	A750.X1:15/1		E	
896900	Engine uppercarr. Injection system Cylinder error Engine shut off Check cable / plug / solenoid valve / engine control unit	A750		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
896901	Engine uppercarr. Injection system Overlap of injection on bank A Engine shut off New data set, or replace engine control unit	A750		E	2
896902	Engine uppercarr. Injection system Overlap of injection on bank B Engine shut off New data set, or replace engine control unit	A750		E	2
896903	Engine uppercarr. Injection system Short circuit Plus switch after ground on bank A No Check cable / plug / solenoid valve / engine control unit	A750		E	2
896904	Engine uppercarr. Injection system Short circuit Plus switch after ground on bank B No Check cable / plug / solenoid valve / engine control unit	A750		E	2
896905	Engine uppercarr. Injection system Short circuit Plus switch after supply voltage on bank A No Check cable / plug / solenoid valve / engine control unit	A750		E	2
896906	Engine uppercarr. Injection system Short circuit Plus switch after supply voltage on bank B No Check cable / plug / solenoid valve / engine control unit	A750		E	2
896907	Engine uppercarr. Injection system Short circuit Ground switch after ground on bank A at CR-Motor occurs shut off of bank A Check cable / plug / solenoid valve / engine control unit	A750		E	2
896908	Engine uppercarr. Injection system Short circuit Ground switch after ground on bank B at CR-Motor occurs shut off of bank B Check cable / plug / solenoid valve / engine control unit	A750		E	2
896909	Engine uppercarr. Injection system Short circuit Ground switch after supply voltage on bank A No Check cable / plug / solenoid valve / engine control unit	A750		E	2
896910	Engine uppercarr. Injection system Short circuit Ground switch after supply voltage on bank B No Check cable / plug / solenoid valve / engine control unit	A750		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
897000	Engine uppercarr. Overspeed RPM sensor 1 Warning threshold exceeded None Check engine op. (excess. speed due to push op.); engine control unit	A750		E	1
897001	Engine uppercarr. Overspeed RPM sensor 2 Warning threshold exceeded None Check engine op. (excess. speed due to push op.); engine control unit	A750		E	1
897002	Engine uppercarr. Overspeed RPM sensor 1 Safety threshold exceeded Engine shut off Check engine op. (excess. speed due to push op.); engine control unit	A750		E	1
897003	Engine uppercarr. Overspeed RPM sensor 2 Safety threshold exceeded Engine shut off Check engine op. (excess. speed due to push op.); engine control unit	A750		E	1
897100	Engine uppercarr. Synchronization defective Engine start not possible Turn ign. on / off; check RPM and phase sensor	A750		E	1
897101	Engine uppercarr. Synchronization incorrect distance gap<>Phase sensor Engine start not possible Turn ign. on / off; check RPM and phase sensor	A750		E	1
897102	Engine uppercarr. Synchronization Tooth number not correct Engine start not possible Turn ign. on / off; check RPM sensor	A750		E	1
897103	Engine uppercarr. Synchronization not possible, RPM is too low Engine start not possible Turn ign. on / off; check RPM and phase sensor	A750		E	1
897104	Engine uppercarr. Synchronization Index counter camshaft gear erroneous Engine start not possible Turn ign. on / off; check RPM and phase sensor	A750		E	1
897200	Engine uppercarr. RPM sensor 1 failed Emergency shut off at simultaneous failure of redundant sensor 2. Otherwise RPM registration via redundant sensor Check: distance of RPM sensor to flywheel (0.5-2.0 mm); Wiring to RPM sensor; RPM sensor	A750.X1:69/55/4 1		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
897201	Engine uppercarr. RPM sensor 1 does not start Emergency shut off at simultaneous failure of redundant sensor 2. Otherwise RPM registration via redundant sensor Check: distance of RPM sensor to flywheel (0.5-2.0 mm); Wiring to RPM sensor; RPM sensor	A750.X1:69/55/4 1		E	1
897202	Engine uppercarr. RPM sensor 1 impermissible signal difference (Gradient breach) Emergency shut off at simultaneous failure of redundant sensor 2. Otherwise RPM registration via redundant sensor Test from: distance of RPM sensor to flywheel; flywheel, wiring to RPM sensor; RPM sensor	A750.X1:69/55/4 1		E	1
897203	Engine uppercarr. RPM sensor 1 Frequency too high Emergency shut off at simultaneous failure of redundant sensor 2. Otherwise RPM registration via redundant sensor Test from: distance of RPM sensor to flywheel; flywheel, wiring to RPM sensor; RPM sensor	A750.X1:69/55/4 1		E	1
897204	Engine uppercarr. RPM sensor 1 poled Emergency shut off at simultaneous failure of redundant sensor 2. Otherwise RPM registration via redundant sensor Check RPM sensor inst., engine control unit.	A750.X1:69/55/4 1		E	1
897205	Engine uppercarr. RPM sensor 1 Value implausible/erroneous Emergency shut off at simultaneous failure of redundant sensor 2. Otherwise RPM registration via redundant sensor Check RPM sensor inst., engine control unit.	A750.X1:69/55/4 1		E	1
897300	Engine uppercarr. RPM sensor 2 failed Emergency shut off at simultaneous failure of redundant sensor 1. otherwise RPM registration via redundant sensor. Check: distance of RPM sensor to flywheel (0.5-2.0 mm); Wiring to RPM sensor; RPM sensor	A750.X1:68/54/4 0		E	1
897302	Engine uppercarr. RPM sensor 2 impermissible signal difference (Gradient breach) Emergency shut off at simultaneous failure of redundant sensor 1. otherwise RPM registration via redundant sensor. Check: distance of RPM sensor to flywheel (0.5-2.0 mm); Wiring to RPM sensor; RPM sensor	A750.X1:68/54/4 0		E	1
897303	Engine uppercarr. RPM sensor 2 Frequency too high Emergency shut off at simultaneous failure of redundant sensor 1. otherwise RPM registration via redundant sensor. Test from: distance of RPM sensor to flywheel; flywheel, wiring to RPM sensor; RPM sensor	A750.X1:68/54/4 0		E	1
897304	Engine uppercarr. RPM sensor 2 poled Emergency shut off at simultaneous failure of redundant sensor 1. otherwise RPM registration via redundant sensor. Check RPM sensor inst., engine control unit.	A750.X1:68/54/4 0		E	1
897305	Engine uppercarr. RPM sensor 2 Value implausible/erroneous Emergency shut off at simultaneous failure of redundant sensor 1. otherwise RPM registration via redundant sensor. Check RPM sensor inst., engine control unit.	A750.X1:68/54/4 0		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
897400	Engine uppercarr. Sensor Position camshaft failed Engine start, dep. on configuration, not possible. No effect with engine running Check distance of phase sensor to camshaft gear (0.5-2.0 mm); wiring to phase sensor, phase sensor	A750.X1:70/56/4 2		E	1
897404	Engine uppercarr. Sensor Position camshaft poled Engine start, dep. on configuration, not possible. No effect with engine running Check: Phase sensor installation, engine control unit	A750.X1:70/56/4 2		E	1
897405	Engine uppercarr. Sensor Position camshaft Value implausible/erroneous Emergency shut off at simultaneous failure of redundant sensor (1 or 2). Otherwise RPM reg. via red. sensor Check: Phase sensor installation, engine control unit	A750.X1:70/56/4 2		E	1
897500	Engine uppercarr. Travel pedal channel 1 Short circuit after ground or line interruption Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground or broken cable)	A750.X2:33/34/3 5		E	1
897501	Engine uppercarr. Travel pedal channel 1 short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X2:33/34/3 5		E	1
897502	Engine uppercarr. Travel pedal channel 1 Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:33/34/3 5		E	1
897503	Engine uppercarr. Travel pedal channel 1 Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X2:33/34/3 5		E	1
897504	Engine uppercarr. Travel pedal channel 1 Signal outside permissible range (Limit 1) remains in low idle when both travel pedal sensors have failed Check travel pedal sensor 1 for operating range injury. Fix possible mechanical problem	A750.X2:33/34/3 5		E	1
897505	Engine uppercarr. Travel pedal channel 1 Signal outside permissible range (Limit 2) remains in low idle when both travel pedal sensors have failed Check travel pedal sensor 1 for operating range injury. Fix possible mechanical problem	A750.X2:33/34/3 5		E	1
897506	Engine uppercarr. Travel pedal channel 1 signal implausible  Check travel pedal sensor 2 for operating range injury. Fix possible mechanical problem	A750.X2:33/34/3 5		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
897600	Engine uppercarr. Travel pedal channel 2 Short circuit after ground or line interruption Check travel pedal sensor 2 for operating range injury. Fix possible mechanical problem	A750.X2:47/48/4 9		E	1
897602	Engine uppercarr. Travel pedal channel 2 Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:47/48/4 9		E	1
897603	Engine uppercarr. Travel pedal channel 2 Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X2:47/48/4 9		E	1
897604	Engine uppercarr. Travel pedal channel 2 Signal outside permissible range (Limit 1) remains in low idle when both travel pedal sensors have failed Check travel pedal sensor 2 for operating range injury. Fix possible mechanical problem	A750.X2:47/48/4 9		E	1
897605	Engine uppercarr. Travel pedal channel 2 Signal outside permissible range (Limit 2) remains in low idle when both travel pedal sensors have failed Check travel pedal sensor 2 for operating range injury. Fix possible mechanical problem	A750.X2:47/48/4 9		E	1
897606	Engine uppercarr. Travel pedal channel 2 signal implausible Check travel pedal sensor 2 for operating range injury. Fix possible mechanical problem	A750.X2:47/48/4 9		E	1
897700	Engine uppercarr. Sensor coolant level Short circuit after ground or line interruption Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground or broken cable)	A750.X2:19/20/2 1		E	2
897701	Engine uppercarr. Sensor coolant level short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X2:19/20/2 1		E	2
897702	Engine uppercarr. Sensor coolant level Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:19/20/2 1		E	2
897703	Engine uppercarr. Sensor coolant level Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X2:19/20/2 1		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
897704	Engine uppercarr. Sensor coolant level Signal outside permissible range (Limit 1) no reaction Check coolant level for operating range injury. Fix possible mechanical problem	A750.X2:19/20/2 1		E	0
897705	Engine uppercarr. Sensor coolant level Signal outside permissible range (Limit 2) no reaction Check coolant level for operating range injury. Fix possible mechanical problem	A750.X2:19/20/2 1		E	0
897706	Engine uppercarr. Sensor coolant level signal implausible  Check sensor, wiring, input on control unit	A750.X2:19/20/2 1		E	2
897800	Engine uppercarr. Sensor oil level Short circuit after ground or line interruption Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground or broken cable)	A750		E	1
897801	Engine uppercarr. Sensor oil level short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750		E	1
897802	Engine uppercarr. Sensor oil level Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750		E	1
897803	Engine uppercarr. Sensor oil level Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750		E	1
897804	Engine uppercarr. Sensor oil level Signal outside permissible range (Limit 1) no reaction Check oil level for operating range injury. Fix possible mechanical problem	A750		E	1
897805	Engine uppercarr. Sensor oil level Signal outside permissible range (Limit 2) no reaction Check oil level for operating range injury. Fix possible mechanical problem	A750		E	1
897806	Engine uppercarr. Sensor oil level signal implausible  Check sensor, wiring, input on control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
898300	Engine uppercarr. Sensor air filter contamination 2 Short circuit after ground or line interruption Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground or broken cable)	A750.X1:30/44/5 8		E	1
898301	Engine uppercarr. Sensor air filter contamination 2 short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:30/44/5 8		E	1
898302	Engine uppercarr. Sensor air filter contamination 2 Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:30/44/5 8		E	1
898303	Engine uppercarr. Sensor air filter contamination 2 Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:30/44/5 8		E	1
898304	Engine uppercarr. Sensor air filter contamination 2 Signal outside permissible range (Limit 1) no reaction Check air filter pressure sensor 1 for operating range injury. Fix possible mechanical problem	A750.X1:30/44/5 8		E	0
898305	Engine uppercarr. Sensor air filter contamination 2 Signal outside permissible range (Limit 2) no reaction Check air filter pressure sensor 1 for operating range injury. Fix possible mechanical problem	A750.X1:30/44/5 8		E	0
898306	Engine uppercarr. Sensor air filter contamination 2 signal implausible  Check sensor, wiring, input on control unit	A750.X1:30/44/5 8		E	1
898400	Engine uppercarr. Sensor charge air pr, Short circuit after ground or line interruption Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground or broken cable)	A750.X1:61/47/3 3		E	1
898401	Engine uppercarr. Sensor charge air pr, short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:61/47/3 3		E	1
898402	Engine uppercarr. Sensor charge air pr, Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:61/47/3 3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
898403	Engine uppercarr. Sensor charge air pr, Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:61/47/3 3		E	1
898404	Engine uppercarr. Sensor charge air pr, Signal outside permissible range (Limit 1) no reaction Check charge air pressure sensor 2 for operating range injury. Fix possible mechanical problem	A750.X1:61/47/3 3		E	1
898405	Engine uppercarr. Sensor charge air pr, Signal outside permissible range (Limit 2) no reaction Check charge air pressure sensor 2 for operating range injury. Fix possible mechanical problem	A750.X1:61/47/3 3		E	1
898406	Engine uppercarr. Sensor charge air pr, signal implausible  Check sensor, wiring, input on control unit	A750.X1:61/47/3 3		E	1
898500	Engine uppercarr. Sensor oil pr. Short circuit after ground or line interruption Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground or broken cable)	A750.X1:63/49/3 5		E	2
898501	Engine uppercarr. Sensor oil pr. short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:63/49/3 5		E	2
898502	Engine uppercarr. Sensor oil pr. Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:63/49/3 5		E	2
898503	Engine uppercarr. Sensor oil pr. Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:63/49/3 5		E	2
898504	Engine uppercarr. Sensor oil pr. Signal outside permissible range (Limit 1) no reaction Check oil pressure for operating range injury. Fix possible mechanical problem	A750.X1:63/49/3 5		E	0
898505	Engine uppercarr. Sensor oil pr. Signal outside permissible range (Limit 2) no reaction Check oil pressure for operating range injury. Fix possible mechanical problem	A750.X1:63/49/3 5		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
898506	Engine uppercarr. Sensor oil pr. signal implausible Check sensor, wiring, input on control unit	A750.X1:63/49/3 5		E	2
898600	Engine uppercarr. Sensor fuel pr. Short circuit after ground or line interruption Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground or broken cable)	A750.X1:62/48/3 4		E	1
898601	Engine uppercarr. Sensor fuel pr. short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:62/48/3 4		E	1
898602	Engine uppercarr. Sensor fuel pr. Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:62/48/3 4		E	1
898603	Engine uppercarr. Sensor fuel pr. Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:62/48/3 4		E	1
898604	Engine uppercarr. Sensor fuel pr. Signal outside permissible range (Limit 1) no reaction Check medium for fuel pressure injury. Fix possible mechanical problem	A750.X1:62/48/3 4		E	1
898605	Engine uppercarr. Sensor fuel pr. Signal outside permissible range (Limit 2) no reaction Check medium for fuel pressure injury. Fix possible mechanical problem	A750.X1:62/48/3 4		E	1
898606	Engine uppercarr. Sensor fuel pr. signal implausible Check sensor, wiring, input on control unit	A750.X1:62/48/3 4		E	1
898700	Engine uppercarr. Sensor Air filter contamination Short circuit after ground or line interruption Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground or broken cable)	A750.X2:5/6/7		E	1
898701	Engine uppercarr. Sensor Air filter contamination short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X2:5/6/7		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
898702	Engine uppercarr. Sensor Air filter contamination Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:5/6/7		E	1
898703	Engine uppercarr. Sensor Air filter contamination Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X2:5/6/7		E	1
898704	Engine uppercarr. Sensor Air filter contamination Signal outside permissible range (Limit 1) no reaction Check air filter pressure sensor 1 for operating range injury. Fix possible mechanical problem	A750.X2:5/6/7		E	0
898705	Engine uppercarr. Sensor Air filter contamination Signal outside permissible range (Limit 2) no reaction Check air filter pressure sensor 1 for operating range injury. Fix possible mechanical problem	A750.X2:5/6/7		E	0
898706	Engine uppercarr. Sensor Air filter contamination signal implausible  Check sensor, wiring, input on control unit	A750.X2:5/6/7		E	1
898800	Engine uppercarr. Common Rail Pr. sensor 1 Short circuit after ground or line interruption Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground or broken cable)	A750.X1:60/46/3 2		E	1
898801	Engine uppercarr. Common Rail Pr. sensor 1 short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:60/46/3 2		E	1
898802	Engine uppercarr. Common Rail Pr. sensor 1 Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:60/46/3 2		E	1
898803	Engine uppercarr. Common Rail Pr. sensor 1 Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:60/46/3 2		E	1
898804	Engine uppercarr. Common Rail Pr. sensor 1 Signal outside permissible range (Limit 1) Performance reduction at failure of both common rail pressure sensors, otherwise no reaction Check Common rail pressure sensor 1 for operating range injury. Fix possible mechanical problem	A750.X1:60/46/3 2		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
898805	Engine uppercarr. Common Rail Pr. sensor 1 Signal outside permissible range (Limit 2) Performance reduction at failure of both common rail pressure sensors, otherwise no reaction Check Common rail pressure sensor 1 for operating range injury. Fix possible mechanical problem	A750.X1:60/46/3 2		E	1
898806	Engine uppercarr. Common Rail Pr. sensor 1 signal implausible  Check sensor, wiring, input on control unit	A750.X1:60/46/3 2		E	1
898900	Engine uppercarr. Common Rail Pr. sensor 2 Short circuit after ground or line interruption Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground or broken cable)	A750.X1:59/45/3 1		E	1
898901	Engine uppercarr. Common Rail Pr. sensor 2 short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:59/45/3 1		E	1
898902	Engine uppercarr. Common Rail Pr. sensor 2 Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:59/45/3 1		E	1
898903	Engine uppercarr. Common Rail Pr. sensor 2 Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:59/45/3 1		E	1
898904	Engine uppercarr. Common Rail Pr. sensor 2 Signal outside permissible range (Limit 1) Performance reduction at failure of both common rail pressure sensors, otherwise no reaction Check Common rail pressure sensor 2 for operating range injury. Fix possible mechanical problem	A750.X1:59/45/3 1		E	1
898905	Engine uppercarr. Common Rail Pr. sensor 2 Signal outside permissible range (Limit 2) Performance reduction at failure of both common rail pressure sensors, otherwise no reaction Check Common rail pressure sensor 2 for operating range injury. Fix possible mechanical problem	A750.X1:59/45/3 1		E	1
898906	Engine uppercarr. Common Rail Pr. sensor 2 signal implausible  Check sensor, wiring, input on control unit	A750.X1:59/45/3 1		E	1
899000	Engine uppercarr. Sensor ambient pr. Short circuit after ground or line interruption Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground or broken cable)	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
899001	Engine uppercarr. Sensor ambient pr. short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750		E	1
899002	Engine uppercarr. Sensor ambient pr. Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750		E	1
899003	Engine uppercarr. Sensor ambient pr. Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750		E	1
899004	Engine uppercarr. Sensor ambient pr. Signal outside permissible range (Limit 1)  Check sensor, wiring, input on control unit	A750		E	1
899005	Engine uppercarr. Sensor ambient pr. Signal outside permissible range (Limit 2)  Check sensor, wiring, input on control unit	A750		E	1
899006	Engine uppercarr. Sensor ambient pr. signal implausible  Check sensor, wiring, input on control unit	A750		E	1
899100	Engine uppercarr. Sensor air filter vacuum pressure status 2 short circuit to ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750		E	1
899101	Engine uppercarr. Sensor air filter vacuum pressure status 2 short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Test wiring engine control unit / sensor (short circuit after battery voltage or broken wire)	A750		E	1
899102	Engine uppercarr. Sensor air filter vacuum pressure status 2 Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750		E	1
899103	Engine uppercarr. Sensor air filter vacuum pressure status 2 Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
899104	Engine uppercarr. Sensor air filter vacuum pressure status 2 Signal outside permissible range (Limit 1) no reaction Check air filter pressure switch 2 for operating range injury. Fix possible mechanical problem	A750		E	1
899105	Engine uppercarr. Sensor air filter vacuum pressure status 2 Signal outside permissible range (Limit 2) no reaction Check air filter pressure switch 2 for operating range injury. Fix possible mechanical problem	A750		E	1
899106	Engine uppercarr. Sensor air filter vacuum pressure status 2 Test value not plausible at Motor off  Check sensor, wiring, input on control unit	A750		E	1
899200	Engine uppercarr. Sensor air filter sub pressure status short circuit to ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:46/60		E	1
899201	Engine uppercarr. Sensor air filter sub pressure status short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Test wiring engine control unit / sensor (short circuit after battery voltage or broken wire)	A750.X2:46/60		E	1
899202	Engine uppercarr. Sensor air filter sub pressure status Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:46/60		E	1
899203	Engine uppercarr. Sensor air filter sub pressure status Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X2:46/60		E	1
899204	Engine uppercarr. Sensor air filter sub pressure status Signal outside permissible range (Limit 1) no reaction Check air filter pressure switch 1 for operating range injury. Fix possible mechanical problem	A750.X2:46/60		E	1
899205	Engine uppercarr. Sensor air filter sub pressure status Signal outside permissible range (Limit 2) no reaction Check air filter pressure switch 1 for operating range injury. Fix possible mechanical problem	A750.X2:46/60		E	1
899206	Engine uppercarr. Sensor air filter sub pressure status Test value not plausible at Motor off  Check sensor, wiring, input on control unit	A750.X2:46/60		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
899300	Engine uppercarr. Sensor Water in fuel short circuit to ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:		E	1
899301	Engine uppercarr. Sensor Water in fuel short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Test wiring engine control unit / sensor (short circuit after battery voltage or broken wire)	A750.X2:		E	1
899302	Engine uppercarr. Sensor Water in fuel Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:		E	1
899303	Engine uppercarr. Sensor Water in fuel Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X2:		E	1
899304	Engine uppercarr. Sensor Water in fuel Signal outside permissible range (Limit 1) no reaction Check water level sensor for operating range injury. Fix possible mechanical problem	A750.X2:		E	1
899305	Engine uppercarr. Sensor Water in fuel Signal outside permissible range (Limit 2) no reaction Check water level sensor for operating range injury. Fix possible mechanical problem	A750.X2:		E	1
899306	Engine uppercarr. Sensor Water in fuel Test value not plausible at Motor off  Check sensor, wiring, input on control unit	A750.X2:		E	1
899400	Engine uppercarr. Sensor Intercooler-Temperature short circuit to ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:		E	1
899401	Engine uppercarr. Sensor Intercooler-Temperature short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Test wiring engine control unit / sensor (short circuit after battery voltage or broken wire)	A750.X2:		E	1
899402	Engine uppercarr. Sensor Intercooler-Temperature Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
899403	Engine uppercarr. Sensor Intercooler-Temperature Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X2:		E	1
899404	Engine uppercarr. Sensor Intercooler-Temperature Signal outside permissible range (Limit 1) no reaction Check exhaust temperature sensor for operating range injury. Fix possible mechanical problem	A750.X2:		E	1
899405	Engine uppercarr. Sensor Intercooler-Temperature Signal outside permissible range (Limit 2) no reaction Check exhaust temperature sensor for operating range injury. Fix possible mechanical problem	A750.X2:		E	1
899406	Engine uppercarr. Sensor Intercooler-Temperature Test value not plausible at Motor off  Check sensor, wiring, input on control unit	A750.X2:		E	1
899500	Engine uppercarr. Oil temperature sensor short circuit to ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:46/60		E	1
899501	Engine uppercarr. Oil temperature sensor short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Test wiring engine control unit / sensor (short circuit after battery voltage or broken wire)	A750.X2:46/60		E	1
899502	Engine uppercarr. Oil temperature sensor Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:46/60		E	1
899503	Engine uppercarr. Oil temperature sensor Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X2:46/60		E	1
899504	Engine uppercarr. Oil temperature sensor Signal outside permissible range (Limit 1) no reaction Check oil temperature sensor for operating range injury. Fix possible mechanical problem	A750.X2:46/60		E	1
899505	Engine uppercarr. Oil temperature sensor Signal outside permissible range (Limit 2) no reaction Check oil temperature sensor for operating range injury. Fix possible mechanical problem	A750.X2:46/60		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
899506	Engine uppercarr. Oil temperature sensor Test value not plausible at Motor off Check sensor, wiring, input on control unit	A750.X2:46/60		E	1
899600	Engine uppercarr. Sensor fuel temperature short circuit to ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:38/52		E	1
899601	Engine uppercarr. Sensor fuel temperature short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Test wiring engine control unit / sensor (short circuit after battery voltage or broken wire)	A750.X1:38/52		E	1
899602	Engine uppercarr. Sensor fuel temperature Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:38/52		E	1
899603	Engine uppercarr. Sensor fuel temperature Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:38/52		E	1
899604	Engine uppercarr. Sensor fuel temperature Signal outside permissible range (Limit 1) Performance reduction Check fuel temperature sensor for operating range injury. Fix possible mechanical problem	A750.X1:38/52		E	1
899605	Engine uppercarr. Sensor fuel temperature Signal outside permissible range (Limit 2) Performance reduction Check fuel temperature sensor for operating range injury. Fix possible mechanical problem	A750.X1:38/52		E	1
899606	Engine uppercarr. Sensor fuel temperature Test value not plausible at Motor off Check sensor, wiring, input on control unit	A750.X1:38/52		E	1
899700	Engine uppercarr. Sensor charge air temperature short circuit to ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:		E	1
899701	Engine uppercarr. Sensor charge air temperature short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Test wiring engine control unit / sensor (short circuit after battery voltage or broken wire)	A750.X1:		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
899702	Engine uppercarr. Sensor charge air temperature Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:		E	1
899703	Engine uppercarr. Sensor charge air temperature Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:		E	1
899704	Engine uppercarr. Sensor charge air temperature Signal outside permissible range (Limit 1) Performance reduction Check charge air temperature sensor for operating range injury. Fix possible mechanical problem	A750.X1:		E	0
899705	Engine uppercarr. Sensor charge air temperature Signal outside permissible range (Limit 2) Performance reduction Check charge air temperature sensor for operating range injury. Fix possible mechanical problem	A750.X1:		E	0
899706	Engine uppercarr. Sensor charge air temperature Test value not plausible at Motor off  Check sensor, wiring, input on control unit	A750.X1:		E	1
899800	Engine uppercarr. Sensor coolant temperature short circuit to ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:51/37		E	2
899801	Engine uppercarr. Sensor coolant temperature short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Test wiring engine control unit / sensor (short circuit after battery voltage or broken wire)	A750.X1:51/37		E	2
899802	Engine uppercarr. Sensor coolant temperature Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:51/37		E	2
899803	Engine uppercarr. Sensor coolant temperature Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:51/37		E	2
899804	Engine uppercarr. Sensor coolant temperature Signal outside permissible range (Limit 1) Performance reduction Check coolant temperature sensor for operating range injury. Fix possible mechanical problem.	A750.X1:51/37		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
899805	Engine uppercarr. Sensor coolant temperature Signal outside permissible range (Limit 2) Performance reduction Check coolant temperature sensor for operating range injury. Fix possible mechanical problem.	A750.X1:51/37		E	0
899806	Engine uppercarr. Sensor coolant temperature Test value not plausible at Motor off  Check sensor, wiring, input on control unit	A750.X1:51/37		E	1
899900	Engine uppercarr. Sensor internal temperature short circuit to ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750		E	1
899901	Engine uppercarr. Sensor internal temperature short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Test wiring engine control unit / sensor (short circuit after battery voltage or broken wire)	A750		E	1
899902	Engine uppercarr. Sensor internal temperature Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750		E	1
899903	Engine uppercarr. Sensor internal temperature Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750		E	1
899904	Engine uppercarr. Sensor internal temperature Signal outside permissible range (Limit 1) no reaction Check internal temperature for operating range injury. Fix possible mechanical problem	A750		E	1
899905	Engine uppercarr. Sensor internal temperature Signal outside permissible range (Limit 2) no reaction Check internal temperature for operating range injury. Fix possible mechanical problem	A750		E	1
899906	Engine uppercarr. Sensor internal temperature Test value not plausible at Motor off  Check sensor, wiring, input on control unit	A750		E	1
8B0100	Engine uppercarr. Operating note Travel pedal actuated at selected / active engine brake No acceptance of gases at active engine brake 300100: Deactivation of engine brake	A750		B	0



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B0101	Engine uppercarr. Operating note Travel pedal actuated at support / superstructure operation No acceptance of gases at active engine brake 300101: Deactivation of support operation	A750		B	0
8B0102	Engine uppercarr. Operating note Service function "Vent fuel supply" activated (Gaspedal Increase of injection amount in starting phase 300102: Deactivate after reaching rpm limit or after initialization of engine control unit	A750		B	0
8B0103	Engine uppercarr. Operating note Engine Start prevented, ignition switch actuated after ignition on No engine start until Signal terminal 50 on input was recognized as low 300103: Release ignition switch Kl.50 or check signal for short circuit after Ubatt	A750		B	0
8B0104	Engine uppercarr. Operating note Engine Start prevented, Ignition switch to short in zero No engine start until Signal terminal 50 on input was recognized as low 300104: Release ignition switch T.50 or check signal for short circuit after Ubatt	A750		B	0
8B0105	Engine uppercarr. Operating note Engine Start prevented, Ignition switch actuated in Init phase No engine start until Signal terminal 50 on input was recognized as low 300105: Release ignition switch T.50 or check signal for short circuit after Ubatt	A750		B	0
8B0106	Engine uppercarr. Operating note Engine running for long time without load in idling Filter load increases significantly 300106: Increase load/engine rpm	A750		B	0
8B0107	Engine uppercarr. Operating note manual DPF regeneration not possible, charge status too low no reaction 300107: Deactivate manual DPF Regeneration	A750		B	1
8B0108	Engine uppercarr. Operating note manual DPF regeneration not possible, time blockage no reaction 300107: Deactivate manual DPF Regeneration	A750		B	1
8B0109	Engine uppercarr. Operating note Start prevented, no release of emerg. stop function engine start not possible 300109: Release ignition switch, check emerg. stop signal for short circuit after Ubatt	A750		B	1
8B010A	Engine uppercarr. Operating note Time conditions for monitoring test values not met engine start not possible 300110: Check / replace machine control Master 4	A750		B	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B010B	Engine uppercarr. Operating note Emerg. op after problem of data transfer on CAN-Bus active engine start not possible 300111: Stop engine and restart, check CAN-wiring	A750		B	0
8B0200	Engine uppercarr. Operating note Travel pedal actuated at selected / active engine brake  300200:	A750		B	0
8B0400	Engine uppercarr. CAN-Data transfer engine CAN 4 SCR-unit(meter Sensor 1) faulty Possibly power reduction 300400: Check wiring CAN-Buses, control units	A750		E	1
8B0401	Engine uppercarr. CAN-Data transfer engine CAN 4 SCR-unit(meter Sensor 2) faulty Possibly power reduction 300401: Check wiring CAN-Buses, control units	A750		E	1
8B0402	Engine uppercarr. CAN-Data transfer engine CAN 4 SCR-unit 2 (Sensors SCR cat.) faulty Possibly power reduction 300402: Check wiring CAN-Buses, control units	A750		E	1
8B0403	Engine uppercarr. CAN-Data transfer engine CAN 4 SCR-unit 2(urea tank sensors) faulty Possibly power reduction 300403: Check wiring CAN-Buses, control units	A750		E	1
8B0404	Engine uppercarr. CAN-Data transfer engine CAN 4 SCR-unit 2(SCR metering status) faulty Possibly power reduction 300404: Check wiring CAN-Buses, control units	A750		E	1
8B0405	Engine uppercarr. CAN-Data transfer engine CAN 4 SCR-unit 2(SCR metering info) faulty Possibly power reduction 300405: Check wiring CAN-Buses, control units	A750		E	1
8B0406	Engine uppercarr. CAN-Data transfer engine CAN 4 SCR-unit 2(NoxUp2 dew-point) faulty Possibly power reduction 300406: Check wiring CAN-Buses, control units	A750		E	1
8B0407	Engine uppercarr. CAN-Data transfer engine CAN 4 SCR-unit 2(NoxDown2 dew-point) faulty Possibly power reduction 300407: Check wiring CAN-Buses, control units	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B0408	Engine uppercarr. CAN-Data transfer engine CAN 4 Diagnostics of SCR-metering unit 2 erroneous no reaction 300408: Check wiring CAN-Buses, control units	A750		E	1
8B0409	Engine uppercarr. CAN-Data transfer engine CAN 4 Data transfer SCR Service diagnostics faulty, 2. Pump no reaction 300409: Check wiring CAN-Buses, control units	A750		E	1
8B040A	Engine uppercarr. CAN-Data transfer engine CAN 4 Service diagnostics function SCR 2 not properly completed no reaction 300410: Check wiring CAN-Buses, control units	A750		E	1
8B040B	Engine uppercarr. CAN-Data transfer engine CAN 4 SCR-unit 2(meter Sensor 1) faulty Possibly power reduction 300411: Check wiring CAN-Buses, control units	A750		E	1
8B040C	Engine uppercarr. CAN-Data transfer engine CAN 4 SCR-unit 2(meter Sensor 2) faulty Possibly power reduction 300412: Check wiring CAN-Buses, control units	A750		E	1
8B040D	Engine uppercarr. CAN-Data transfer engine CAN 4 Humidity sensor faulty Possibly power reduction 300413: Check wiring CAN-Buses, control units	A750		E	1
8B0500	Engine uppercarr. CAN-Data transfer I/O-Module (ID90x) erroneous/maximum cycle time exceeded Emerg. op.: Momentum and RPM limitation of engine 300500: Check cable / plug / I/O-module(s)	A750		E	1
8B0501	Engine uppercarr. CAN-Data transfer Coupling (ID 556) erroneous/maximum cycle time exceeded Last received value or replacement value 300501: Check cable / plug / Coupling module	A750		E	1
8B0502	Engine uppercarr. CAN-Data transfer Gear (ID564) erroneous/maximum cycle time exceeded Last received value or replacement value 300502: Check cable / plug / Gear module	A750		E	1
8B0503	Engine uppercarr. CAN-Data transfer Gear (ID564) erroneous/maximum cycle time exceeded Last received value or replacement value 300503: Check cable / plug / Gear module	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B0504	Engine uppercarr. CAN-Data transfer Gear (ID668) erroneous/maximum cycle time exceeded Last received value or replacement value 300504: Check cable / plug / Gear module	A750		E	1
8B0505	Engine uppercarr. CAN-Data transfer ABV (ID512) erroneous/maximum cycle time exceeded Last received value or replacement value 300505: Check cable / plug / ABS/ASR-Module1	A750		E	1
8B0506	Engine uppercarr. CAN-Data transfer ABV (ID513) erroneous/maximum cycle time exceeded Last received value or replacement value 300506: Check cable / plug / ABS/ASR-Module1	A750		E	1
8B0507	Engine uppercarr. CAN-Data transfer ABV2 (ID514) erroneous/maximum cycle time exceeded Last received value or replacement value 300507: Check cable / plug / ABS/ASR-Module2	A750		E	1
8B0508	Engine uppercarr. CAN-Data transfer ABV2 (ID515) erroneous/maximum cycle time exceeded Last received value or replacement value 300508: Check cable / plug / ABS/ASR-Module2	A750		E	1
8B0509	Engine uppercarr. CAN-Data transfer Retarder (ID 772) erroneous/maximum cycle time exceeded Last received value or replacement value 300509: Check cable / plug / Retarder module	A750		E	1
8B050A	Engine uppercarr. CAN-Data transfer WSK (ID 776) erroneous/maximum cycle time exceeded Last received value or replacement value 300510: Check cable / plug / converter module	A750		E	1
8B050B	Engine uppercarr. CAN-Data transfer Overrun of receiving buffer Last received value or replacement value 300511: Turn ignition off/on, load new software in engine control unit or replace control unit	A750		E	1
8B0600	Engine uppercarr. CAN-Data transfer engine control unit Aborted (Passive error) Last received value or replacement value 300600: Check cable / plug / CAN-participant	A750		E	1
8B0601	Engine uppercarr. CAN-Data transfer engine control unit Aborted (BusOff) Last received value or replacement value 300601: Check cable / plug / CAN-participant	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B0602	Engine uppercarr. CAN-Data transfer engine control unit Faulty / interrupted (Rx-warning) Last received value or replacement value 300602: Check cable / plug / CAN-participant	A750		E	1
8B0603	Engine uppercarr. CAN-Data transfer engine control unit Faulty / interrupted (Tx-warning) Last received value or replacement value 300603: Check cable / plug / CAN-participant	A750		E	1
8B0604	Engine uppercarr. CAN-Data transfer engine control unit Faulty / interrupted (send -timeout) Last received value or replacement value 300604: Check cable / plug / CAN-participant	A750		E	1
8B0606	Engine uppercarr. CAN-Data transfer engine control unit Faulty / interrupted (complete transmission data) Last received value or replacement value 300606: Turn ignition off/on, Load new software in engine control unit or replace control unit	A750		E	1
8B0700	Engine uppercarr. CAN-Data transfer I/O-Module (ID90x) erroneous/maximum cycle time exceeded no reaction 300700: Check cable / plug / CAN-participant	A750		E	1
8B0701	Engine uppercarr. CAN-Data transfer Coupling (ID 556) erroneous/maximum cycle time exceeded no reaction 300701: Check cable / plug / CAN-participant	A750		E	1
8B0702	Engine uppercarr. CAN-Data transfer Gear (ID564) erroneous/maximum cycle time exceeded no reaction 300702: Check cable / plug / CAN-participant	A750		E	1
8B0703	Engine uppercarr. CAN-Data transfer Gear (ID564) erroneous/maximum cycle time exceeded no reaction 300703: Check cable / plug / CAN-participant	A750		E	1
8B0704	Engine uppercarr. CAN-Data transfer Gear (ID668) erroneous/maximum cycle time exceeded no reaction 300704: Check cable / plug / CAN-participant	A750		E	1
8B0705	Engine uppercarr. CAN-Data transfer ABV (ID512) erroneous/maximum cycle time exceeded  300705:	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B0706	Engine uppercarr. CAN-Data transfer ABV (ID513) erroneous/maximum cycle time exceeded 300706:	A750		E	1
8B0707	Engine uppercarr. CAN-Data transfer ABV2 (ID514) erroneous/maximum cycle time exceeded 300707:	A750		E	1
8B0708	Engine uppercarr. CAN-Data transfer ABV2 (ID515) erroneous/maximum cycle time exceeded 300708:	A750		E	1
8B0800	Engine uppercarr. CAN-Data transfer I/O-Module (ID90x) erroneous/maximum cycle time exceeded emergency operation 300800: Check cable / plug / CAN-participant	A750		E	1
8B0801	Engine uppercarr. CAN-Data transfer Coupling (ID 556) erroneous/maximum cycle time exceeded emergency operation 300801: Check cable / plug / CAN-participant	A750		E	1
8B0802	Engine uppercarr. CAN-Data transfer Gear (ID564) erroneous/maximum cycle time exceeded no reaction 300802: Check cable / plug / CAN-participant	A750		E	1
8B0803	Engine uppercarr. CAN-Data transfer Gear (ID564) erroneous/maximum cycle time exceeded no reaction 300803: Check cable / plug / CAN-participant	A750		E	1
8B0804	Engine uppercarr. CAN-Data transfer Gear (ID668) erroneous/maximum cycle time exceeded emergency operation 300804: Check cable / plug / Master	A750		E	1
8B0900	Engine uppercarr. CAN-Data transfer Aborted (Passive error) Change over to plausible speed source 300900: Check cable / plug / CAN-participant	A750		E	1
8B0901	Engine uppercarr. CAN-Data transfer Aborted (BusOff) Change over to plausible speed source 300901: Check cable / plug / CAN-participant	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B0902	Engine uppercarr. CAN-Data transfer Faulty / interrupted (Rx-warning) no reaction 300902: Check cable / plug / CAN-participant	A750		E	1
8B0903	Engine uppercarr. CAN-Data transfer Faulty / interrupted (Tx-warning) no reaction 300903: Check cable / plug / CAN-participant	A750		E	1
8B0904	Engine uppercarr. CAN-Data transfer Faulty / interrupted (send -timeout) Change over to plausible speed source 300904: Check cable / plug / CAN-participant	A750		E	1
8B0905	Engine uppercarr. CAN-Data transfer Faulty / interrupted (TSC1) no reaction 300905: Check cable / plug / CAN-participant	A750		E	1
8B0A00	Engine uppercarr. CAN-Data transfer Aborted (Passive error) Change over to plausible speed source 301000: Check cable / plug / CAN-participant	A750		E	1
8B0A01	Engine uppercarr. CAN-Data transfer Aborted (BusOff) Change over to plausible speed source 301001: Check cable / plug / CAN-participant	A750		E	1
8B0A02	Engine uppercarr. CAN-Data transfer Faulty / interrupted (Rx-warning) no reaction 301002: Check cable / plug / CAN-participant	A750		E	1
8B0A03	Engine uppercarr. CAN-Data transfer Faulty / interrupted (Tx-warning) no reaction 301003: Check cable / plug / CAN-participant	A750		E	1
8B0A04	Engine uppercarr. CAN-Data transfer Faulty / interrupted (send -timeout) Possibly power reduction 301004: Check cable / plug / CAN-participant	A750		E	1
8B0A05	Engine uppercarr. CAN-Data transfer AGR-Module 1 erroneous/maximum cycle time exceeded Possibly power reduction 301005: Check cable / plug / CAN-participant	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B0A06	Engine uppercarr. CAN-Data transfer AGR-Module 2 erroneous/maximum cycle time exceeded Possibly power reduction 301006: Check cable / plug / CAN-participant	A750		E	1
8B0A07	Engine uppercarr. CAN-Data transfer WasteGate-Module 1 erroneous/maximum cycle time exceeded Possibly power reduction 301007: Check cable / plug / CAN-participant	A750		E	1
8B0A08	Engine uppercarr. CAN-Data transfer WasteGate-Module 2 erroneous/maximum cycle time exceeded Possibly power reduction 301008: Check cable / plug / CAN-participant	A750		E	1
8B0A09	Engine uppercarr. CAN-Data transfer Restrictor flap module erroneous/maximum cycle time exceeded Possibly power reduction 301009: Check cable / plug / CAN-participant	A750		E	1
8B0A0A	Engine uppercarr. CAN-Data transfer Tachograph erroneous/maximum cycle time exceeded Change over to plausible speed source 301010: Check cable / plug / CAN-participant	A750		E	1
8B0A0B	Engine uppercarr. CAN-Data transfer NOx-Lambda sensor up1 erroneous/maximum cycle time exceeded Change over to 2nd Lambda Signal 301011: Check cable / plug / CAN-participant	A750		E	1
8B0A0C	Engine uppercarr. CAN-Data transfer NOx-Lambda sensor down1 erroneous/maximum cycle time exceeded Change over to 2nd Lambda Signal 301012: Check cable / plug / CAN-participant	A750		E	1
8B0A0D	Engine uppercarr. CAN-Data transfer Mass flow sensor 1 erroneous/maximum cycle time exceeded Change over to 2nd Lambda Signal 301013: Check cable / plug / CAN-participant	A750		E	1
8B0B00	Engine uppercarr. CAN-Data transfer Aborted (Passive error) no reaction 301100: Check cable / plug / CAN-participant	A750		E	1
8B0B01	Engine uppercarr. CAN-Data transfer Aborted (BusOff) no reaction 301101: Check cable / plug / CAN-participant	A750		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B0B02	Engine uppercarr. CAN-Data transfer Faulty / interrupted (Rx warning) no reaction 301102: Check cable / plug / CAN-participant	A750		E	1
8B0B03	Engine uppercarr. CAN-Data transfer Faulty / interrupted (Tx warning) no reaction 301103: Check cable / plug / CAN-participant	A750		E	1
8B0B04	Engine uppercarr. CAN-Data transfer Faulty / interrupted (Rx warning) no reaction 301104: Check cable / plug / CAN-participant check Master-Slave recognition-Pin	A750		E	1
8B0B05	Engine uppercarr. CAN-Data transfer Faulty / interrupted (Rx timeout) No injection on slave modules will occur 301105: Check cable / plug / CAN-participant / Slave recognition Pin	A750		E	1
8B0B06	Engine uppercarr. CAN-Data transfer Faulty / interrupted (Tx Send buffer overflow)  301106: Check cable / plug / CAN-participant	A750		E	1
8B0B07	Engine uppercarr. CAN-Data transfer Internal error, Software slave Module incompatible to master No injection on slave modules will occur 301107: Update slave and master module	A750		E	1
8B0B08	Engine uppercarr. CAN-Data transfer Internal error, calibration slave Module incompatible to master No injection on slave modules will occur 301108: Update slave and master module	A750		E	1
8B0C00	Engine uppercarr. CAN-Data transfer Motor CAN 2 HC-dosing unit (PRODPM2) faulty / interrupted Warning light on in operation no regeneration permitted 301200: Check cable / plug / CAN-participant	A750		E	1
8B0C01	Engine uppercarr. CAN-Data transfer Motor CAN 2 HC-dosing unit (HCDI1) faulty / interrupted Warning light on in operation no regeneration permitted 301201: Check cable / plug / CAN-participant	A750		E	1
8B0C02	Engine uppercarr. CAN-Data transfer Motor CAN 2 Mass flow sensor 2 faulty / interrupted Possibly power reduction 301202: Check cable / plug / CAN-participant	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B0C03	Engine uppercarr. CAN-Data transfer Motor CAN 2 Diagnostics of mass flow sensor 1 failed Possibly power reduction 301203: Check cable / plug / CAN-participant	A750		E	1
8B0C04	Engine uppercarr. CAN-Data transfer Motor CAN 2 Diagnostics of mass flow sensor 2 failed Possibly power reduction 301204: Check cable / plug / CAN-participant	A750		E	1
8B0C05	Engine uppercarr. CAN-Data transfer Motor CAN 2 Diagnostics of Nox-sensors "Up1" failed Possibly power reduction 301205: Check cable / plug / CAN-participant	A750		E	1
8B0C06	Engine uppercarr. CAN-Data transfer Motor CAN 2 Diagnostics of Nox-sensors "Down1" failed Possibly power reduction 301206: Check cable / plug / CAN-participant	A750		E	1
8B0C07	Engine uppercarr. CAN-Data transfer Motor CAN 2 Tachograph (Date, time) faulty / interrupted Change over to plausible speed source 301207: Check cable / plug / CAN-participant	A750		E	1
8B0C08	Engine uppercarr. CAN-Data transfer Motor CAN 2 Diagnostics of "Egr1" failed Power reduction of Diesel engine 301208: Check cable / plug / CAN-participant	A750		E	1
8B0C09	Engine uppercarr. CAN-Data transfer Motor CAN 2 Diagnostics of "Egr2" failed Power reduction of Diesel engine 301209: Check cable / plug / CAN-participant	A750		E	1
8B0C0A	Engine uppercarr. CAN-Data transfer Motor CAN 2 Diagnostics of "WG1" failed Power reduction of Diesel engine 301210: Check cable / plug / CAN-participant	A750		E	1
8B0C0B	Engine uppercarr. CAN-Data transfer Motor CAN 2 Diagnostics of "WG2" failed Power reduction of Diesel engine 301211: Check cable / plug / CAN-participant	A750		E	1
8B0C0C	Engine uppercarr. CAN-Data transfer Motor CAN 2 SCR-unit (SCR Sensors) faulty / interrupted Possibly power reduction 301212: Check cable / plug / CAN-participant	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B0C0D	Engine uppercarr. CAN-Data transfer Motor CAN 2 Diagnostics of HC-dosing unit failed no reaction 301213: Check cable / plug / CAN-participant	A750		E	1
8B0D00	Engine uppercarr. CAN-Data transfer Aborted (Passive error) no reaction 301300: Check cable / plug / CAN-participant	A750		E	1
8B0D01	Engine uppercarr. CAN-Data transfer Aborted (BusOff) no reaction 301301: Check cable / plug / CAN-participant	A750		E	1
8B0D02	Engine uppercarr. CAN-Data transfer Faulty / interrupted (Rx warning) no reaction 301302: Check cable / plug / CAN-participant	A750		E	1
8B0D03	Engine uppercarr. CAN-Data transfer Faulty / interrupted (Tx warning) no reaction 301303: Check cable / plug / CAN-participant	A750		E	1
8B0D04	Engine uppercarr. CAN-Data transfer Faulty / interrupted (Rx warning) No injection on Slave modules 301304: Check cable / plug / CAN-participant	A750		E	1
8B0D05	Engine uppercarr. CAN-Data transfer Incorrect transfer rate recognized No injection on Slave modules 301305: Check cable / plug / CAN-participant / Slave recognition Pin	A750		E	1
8B0D06	Engine uppercarr. CAN-Data transfer Unexpected messages recognized No injection on Slave modules 301306: Check cable / plug / CAN-participant / Slave recognition Pin	A750		E	1
8B0E00	Engine uppercarr. CAN-Data transfer Motor CAN 3 SCR-unit (Tank sensors) faulty / interrupted Possibly power reduction 301400: Check cable / plug / CAN-participant	A750		E	1
8B0E01	Engine uppercarr. CAN-Data transfer Motor CAN 3 SCR-unit faulty / interrupted, metering status Possibly power reduction 301401: Check cable / plug / CAN-participant	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B0E02	Engine uppercarr. CAN-Data transfer Motor CAN 3 SCR-unit faulty / interrupted, metering information Possibly power reduction 301402: Check cable / plug / CAN-participant	A750		E	1
8B0E03	Engine uppercarr. CAN-Data transfer Motor CAN 3 SCR-unit faulty/interrupted, dew-point recognition "NOxUp1" Possibly power reduction 301403: Check cable / plug / CAN-participant	A750		E	1
8B0E04	Engine uppercarr. CAN-Data transfer Motor CAN 3 SCR-unit faulty/interrupted, dew-point recognition "NOxDown1" Possibly power reduction 301404: Check cable / plug / CAN-participant	A750		E	1
8B0E05	Engine uppercarr. CAN-Data transfer Motor CAN 3 Water pump faulty / interrupted (Status report) no reaction 301405: Check cable / plug / CAN-participant	A750		E	1
8B0E06	Engine uppercarr. CAN-Data transfer Motor CAN 3 SCR-unit faulty / interrupted, diagnostics not possible no reaction 301406: Check cable / plug / CAN-participant	A750		E	1
8B0E07	Engine uppercarr. CAN-Data transfer Motor CAN 3 Restrictor flap module faulty / interrupted, diagnostics not possible Possibly power reduction 301407: Check cable / plug / CAN-participant	A750		E	1
8B0E08	Engine uppercarr. CAN-Data transfer Motor CAN 3 SCR-unit faulty / interrupted, Service diagnostics not possible no reaction 301408: Check cable / plug / CAN-participant	A750		E	1
8B0E09	Engine uppercarr. CAN-Data transfer Motor CAN 3 SCR-unit faulty/interrupted, Service diagnostics not completed  301409:	A750		E	1
8B0E0A	Engine uppercarr. CAN-Data transfer Motor CAN 3 Nox-Lambda sensor "Up 2" faulty  301410: Check cable / plug / CAN-participant	A750		E	1
8B0E0B	Engine uppercarr. CAN-Data transfer Motor CAN 3 Nox-Lambda sensor "Down 2" faulty  301411: Check cable / plug / CAN-participant	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B0E0C	Engine uppercarr. CAN-Data transfer Motor CAN 3 Diagnostics of NOx-Sensor "Up 2" failed 301412: Check cable / plug / CAN-participant	A750		E	1
8B0E0D	Engine uppercarr. CAN-Data transfer Motor CAN 3 Diagnostics of NOx-Sensor "Down 2" failed 301413: Check cable / plug / CAN-participant	A750		E	1
8B1000	Engine uppercarr. Engine protection function Excess temperature on exhaust turbine active Performance reduction 301600: Check exhaust system for leaks	A750		E	1
8B1200	Engine uppercarr. CAN constr. machines, download Memory error flash 0 301800:	A750		E	1
8B1201	Engine uppercarr. CAN constr. machines, download Memory error flash 0 301801:	A750		E	1
8B1202	Engine uppercarr. CAN constr. machines, download Memory error flash 0 301802:	A750		E	1
8B1203	Engine uppercarr. CAN constr. machines, download memory error EEPROM 0 301803:	A750		E	1
8B1204	Engine uppercarr. CAN constr. machines, download Check sum error 0 301804:	A750		E	1
8B1205	Engine uppercarr. CAN constr. machines, download Incorrect number of data 0 301805:	A750		E	1
8B1206	Engine uppercarr. CAN constr. machines, download Receive buffer overflow 0 301806:	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B1207	Engine uppercarr. CAN constr. machines, download download active 0 301807:	A750		E	1
8B1208	Engine uppercarr. CAN constr. machines, download unknown area 0 301808:	A750		E	1
8B1300	Engine uppercarr. Internal error control equipment Stack-overflow Engine cannot be started or engine shut off 301900: Load new software in engine control unit or replace engine control unit	A750		E	1
8B1301	Engine uppercarr. Internal error control equipment Exception error Engine cannot be started or engine shut off 301901: Load new software in engine control unit or replace engine control unit	A750		E	2
8B1302	Engine uppercarr. Internal error control equipment Program test Engine cannot be started or engine shut off 301902: Load new software in engine control unit or replace engine control unit	A750		E	2
8B1303	Engine uppercarr. Internal error control equipment RAM-Test Engine cannot be started or engine shut off 301903: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	2
8B1304	Engine uppercarr. Internal error control equipment Overflow in error stack no reaction 301904: Load new software in engine control unit or replace engine control unit	A750		E	1
8B1305	Engine uppercarr. Internal error control equipment Comp. time error no reaction 301905: Load new software in engine control unit or replace engine control unit	A750		E	2
8B1306	Engine uppercarr. Internal error control equipment Error-Index too large The error cannot be saved 301906: Load new software in engine control unit or replace engine control unit	A750		E	1
8B1400	Engine uppercarr. Control unit defective (memory EEPROM) Error at EEPROM-access Engine cannot be started or engine shut off 302000: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B1401	Engine uppercarr. Control unit defective (memory EEPROM) Check sum error Parameter memory Engine cannot be started or engine shut off 302001: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	2
8B1402	Engine uppercarr. Control unit defective (memory EEPROM) Parameter memory in EEPROM is invalid Engine cannot be started or engine shut off 302002: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	2
8B1403	Engine uppercarr. Control unit defective (memory EEPROM) Check sum error ECU-Page No reaction - possibly data sets or operating conditions could not be saved 302003: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8B1404	Engine uppercarr. Control unit defective (memory EEPROM) Check sum error NMI-Page No reaction - possibly data sets or operating conditions could not be saved 302004: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8B1405	Engine uppercarr. Control unit defective (memory EEPROM) Check sum error Workdata-Page No reaction - possibly data sets or operating conditions could not be saved 302005: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8B1406	Engine uppercarr. Control unit defective (memory EEPROM) Check sum error load collective No reaction - possibly load collective data could not be saved 302006: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8B1407	Engine uppercarr. Control unit defective (memory EEPROM) Structure size of load collective has changed No reaction - possibly load collective data could not be saved 302007: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8B1408	Engine uppercarr. Control unit defective (memory EEPROM) EEPROM-Memory full (load collective) No reaction - possibly load collective data could not be saved 302008: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8B1409	Engine uppercarr. Control unit defective (memory EEPROM) Check sum error permanent Data No reaction - possibly data sets or operating conditions could not be saved 302009: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8B140A	Engine uppercarr. Control unit defective (memory EEPROM) EEPROM Data inconsistent No reaction - possibly data sets or operating conditions could not be saved 302010: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B140B	Engine uppercarr. Control unit defective (memory EEPROM) Check sum error OBD-Page No reaction - possibly data sets or operating conditions could not be saved 302011: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8B140C	Engine uppercarr. Control unit defective (memory EEPROM) Check sum error EEPROM-areas No reaction - possibly data sets or operating conditions could not be saved 302012: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8B1500	Engine uppercarr. Power supply voltage below required value Engine cannot be started or engine shut off 302100: Check on board network (battery, alternator, wiring, plug)	A750		E	2
8B1501	Engine uppercarr. Power supply excess voltage Engine cannot be started or engine shut off 302101: Check on board network (battery, alternator, wiring, plug)	A750		E	2
8B1502	Engine uppercarr. Power supply Digital outlet short circuit after supply voltage Engine shut off 302102: Check wiring, engine control unit, possibly replace engine control unit	A750		E	2
8B1503	Engine uppercarr. Power supply Error release output outlets Engine shut off, shut off of all digital outlets 302103: Check wiring, engine control unit, possibly replace engine control unit	A750		E	2
8B1504	Engine uppercarr. Power supply PS1-Pin erroneous/missing Engine cannot be started or engine shut off 302104: Check on board network in ref. to PS1 (terminal 30/31), engine control unit	A750		E	2
8B1505	Engine uppercarr. Power supply Reference voltage 12V below permissible range Engine shut off 302105: Check supply voltage Rpm sensors, on board network, engine control unit	A750		E	2
8B1506	Engine uppercarr. Power supply Reference voltage 12V above permissible range Engine shut off 302106: Check supply voltage Rpm sensors, on board network, engine control unit	A750		E	2
8B1600	Engine uppercarr. Configuration error Fan control cooler The fan control is deactivated. Resulting in maximum vent position 302200: Load new software in engine control unit	A750		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B1601	Engine uppercarr. Configuration error Offset to full load curve The matching of the performance curve is internally limited 302201: Load new software in engine control unit	A750		E	2
8B1602	Engine uppercarr. Configuration error Monitoring Pedal unit Pedal unit is not monitored 302202: Load new software in engine control unit	A750		E	2
8B1603	Engine uppercarr. Configuration error Incorrect pump code Replacement value is used 302203: Check pump coding and change (via diagnostics or resp. diagnostics tool)	A750		E	2
8B1604	Engine uppercarr. Configuration error Incorrect assignment of high pressure sensors no reaction 302204: Load new software in engine control unit	A750		E	2
8B1605	Engine uppercarr. Configuration error No high pr. pump activated no reaction 302205: Load new software in engine control unit	A750		E	2
8B1606	Engine uppercarr. Configuration error Current output for VCV 1 not active no reaction 302206: Load new software in engine control unit	A750		E	2
8B1607	Engine uppercarr. Configuration error Current output for VCV 2 not active no reaction 302207: Load new software in engine control unit	A750		E	2
8B1608	Engine uppercarr. Configuration error CAN-messages no reaction 302208: Load new software in engine control unit	A750		E	2
8B1609	Engine uppercarr. Configuration error CAN-transfer rate no reaction 302209: Load new software in engine control unit	A750		E	2
8B160A	Engine uppercarr. Configuration error Incorrect assignment of analog sensor no reaction 302210: Load new software in engine control unit	A750		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B160B	Engine uppercarr. Configuration error Incorrect assignment switch no reaction 302211:	A750		E	2
8B160C	Engine uppercarr. Configuration error Motor configuration erroneous/missing Engine cannot be started or engine shut off 302212: Load new software in engine control unit	A750		E	2
8B160D	Engine uppercarr. Configuration error Parameterization actuator invalid Power reduction of Diesel engine 302213: Load new software in engine control unit	A750		E	2
8B1700	Engine uppercarr. Configuration error Component ID of SCR-unit incorrect  302300:	A750		E	2
8B1701	Engine uppercarr. Configuration error Component ID of HC-metering unit incorrect The matching of the performance curve is internally limited 302201: Load new software in engine control unit	A750		E	1
8B1702	Engine uppercarr. Configuration error Component ID of restrictor flap incorrect Pedal unit is not monitored 302202: Load new software in engine control unit	A750		E	1
8B1703	Engine uppercarr. Configuration error Current output for PCV1 not active Replacement value is used 302203: Check pump coding and change (via diagnostics or resp. diagnostics tool)	A750		E	1
8B1704	Engine uppercarr. Configuration error Current output for PCV2 not active no reaction 302204: Load new software in engine control unit	A750		E	1
8B1800	Engine uppercarr. Configuration error Fan control cooler  302400:	A750		E	2
8B1900	Engine uppercarr. Control unit defective (FLASH-memory) Check sum error Parameter memory Engine cannot be started or engine shut off 302500: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B1901	Engine uppercarr. Control unit defective (FLASH-memory) Invalid data, default values are used Engine cannot be started or engine shut off 302501: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	2
8B1902	Engine uppercarr. Control unit defective (FLASH-memory) Error during delete Engine cannot be started or engine shut off 302502: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	2
8B1903	Engine uppercarr. Control unit defective (FLASH-memory) Error during programming Engine cannot be started or engine shut off 302503: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	2
8B1904	Engine uppercarr. Control unit defective (FLASH-memory) Error during check Engine cannot be started or engine shut off 302504: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	2
8B1905	Engine uppercarr. Control unit defective (FLASH-memory) Data inconsistent Engine cannot be started or engine shut off 302505: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	2
8B1A00	Engine uppercarr. Internal error control equipment Program error Engine shut off 302600: Program update to newest software version	A750		E	2
8B1A01	Engine uppercarr. Internal error control equipment Program error Engine shut off 302601: Program update to newest software version	A750		E	2
8B1A02	Engine uppercarr. Internal error control equipment Program error Engine shut off 302602: Program update to newest software version	A750		E	2
8B1A03	Engine uppercarr. Internal error control equipment Program error Engine shut off 302603: Program update to newest software version	A750		E	2
8B1A04	Engine uppercarr. Internal error control equipment Program error Engine shut off 302604: Program update to newest software version	A750		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B1A05	Engine uppercarr. Internal error control equipment Program error Engine shut off 302605: Program update to newest software version	A750		E	2
8B1A06	Engine uppercarr. Internal error control equipment Program error Engine shut off 302606: Program Update to newest software bersion	A750		E	2
8B1B00	Engine uppercarr. Speed recording Maximum difference travel speed Tacho<>Gear exceeded The larger speed value is used 302700: Check gear and tachograph	A750		E	1
8B1C00	Engine uppercarr. Actuation engine brake Broken wire or Short circuit after ground Engine brake flap is not actuated 302800: Check wiring harness, plug, engine brake flap, engine control unit	A750		E	1
8B1C01	Engine uppercarr. Actuation engine brake Broken wire or short circuit after supply voltage Engine brake flap is not actuated 302801: Check wiring harness, plug, engine brake flap, engine control unit	A750		E	1
8B1C02	Engine uppercarr. Actuation engine brake Hardware error (control unit defective) Engine brake flap is not actuated 302802: Check wiring harness, plug, engine brake flap, engine control unit	A750		E	1
8B1C03	Engine uppercarr. Actuation engine brake Maximum signal difference to actuation exceeded Engine brake flap is not actuated 302803: Check wiring harness, plug, engine brake flap, engine control unit	A750		E	1
8B1C04	Engine uppercarr. Actuation engine brake Maximum signal difference to actuation exceeded Engine brake flap is not actuated 302804: Check wiring harness, plug, engine brake flap, engine control unit	A750		E	1
8B1C05	Engine uppercarr. Actuation engine brake Current measured without actuation Engine brake flap is not actuated 302805: Check wiring harness, plug, engine brake flap, engine control unit	A750		E	1
8B1C06	Engine uppercarr. Actuation engine brake Current too low in actuated state Engine brake flap is not actuated 302806: Check wiring harness, plug, engine brake flap, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B1C07	Engine uppercarr. Actuation engine brake Current too high in actuated state Engine brake flap is not actuated 302807: Check wiring harness, plug, engine brake flap, engine control unit	A750		E	1
8B1C08	Engine uppercarr. Actuation engine brake Ground switch overcurrent Engine brake flap is not actuated 302808: Check wiring harness, plug, engine brake flap, engine control unit	A750		E	1
8B1C09	Engine uppercarr. Actuation engine brake Plus switch overcurrent Engine brake flap is not actuated 302809: Check wiring harness, plug, engine brake flap, engine control unit	A750		E	1
8B1C0A	Engine uppercarr. Actuation engine brake Maximum analog value exceeded (PWM) Engine brake flap is not actuated 302810: Check wiring harness, plug, engine brake flap, engine control unit	A750		E	1
8B1D00	Engine uppercarr. Alternator Charge control D+ of mass flow sensor no reaction 302900: Check wiring engine control unit to alternator (D+), battery to alternator (D+) and alternator	A750		E	1
8B1D01	Engine uppercarr. Alternator Charge control D+ Overvoltage at engine off no reaction 302901: Check wiring engine control unit to alternator (D+), battery to alternator (D+) and alternator	A750		E	1
8B1D02	Engine uppercarr. Alternator Charge control D+ undervoltage at engine on no reaction 302902: Check wiring engine control unit to alternator (D+), battery to alternator (D+) and alternator	A750		E	1
8B1D03	Engine uppercarr. Alternator Charge control D+ overvoltage at engine on no reaction 302903: Check wiring engine control unit to alternator (D+), battery to alternator (D+) and alternator	A750		E	1
8B1D04	Engine uppercarr. Alternator Charge control D+ voltage deviation to on board current too low no reaction 302904: Check wiring engine control unit to alternator (D+), battery to alternator (D+) and alternator	A750		E	1
8B1D05	Engine uppercarr. Alternator Charge control D+ voltage deviation to on board current too high no reaction 302905: Check wiring engine control unit to alternator (D+), battery to alternator (D+) and alternator	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B1D06	Engine uppercarr. Alternator Implausibility at test of on board voltage Battery charge voltage regulated to 28.5V 302906: Check inputs of alternator	A750		E	0
8B1E00	Engine uppercarr. Alternator 2 Charge control D+ of mass flow sensor no reaction 303000: Check wiring engine control unit to alternator (D+), battery to alternator (D+) and alternator	A750		E	1
8B1E01	Engine uppercarr. Alternator 2 Charge control D+ Overvoltage at engine off no reaction 303001: Check wiring engine control unit to alternator (D+), battery to alternator (D+) and alternator	A750		E	1
8B1E02	Engine uppercarr. Alternator 2 Charge control D+ undervoltage at engine on no reaction 303002: wiring engine control unit to alternator (D+), check alternator and V-belt	A750		E	1
8B1E03	Engine uppercarr. Alternator 2 Charge control D+ overvoltage at engine on no reaction 303003: Check wiring engine control unit to alternator (D+), alternator and V-belt	A750		E	1
8B1E04	Engine uppercarr. Alternator 2 Charge control D+ voltage deviation to on board current too low no reaction 303004: Check wiring alternator (D+) to battery or to engine control unit, alternator	A750		E	1
8B1E05	Engine uppercarr. Alternator 2 Charge control D+ voltage deviation to on board current too high no reaction 303005: Check wiring alternator (D+) to battery or to engine control unit , alternator	A750		E	1
8B1F00	Engine uppercarr. Travel pedal No gas switch erroneous Use low value 303100: Check wiring engine control unit to travel pedal, check travel pedal, replace	A750		E	1
8B1F01	Engine uppercarr. Travel pedal maximum signal difference channel 1 and 2 exceeded Use low value 303101: Check wiring engine control unit to travel pedal, check travel pedal, replace	A750		E	1
8B2000	Engine uppercarr. Plausibility error Charge pressure to atmospheric pressure no reaction 303200: Replace sensor, check intake system for leaks	A750		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B2100	Engine uppercarr. Error in Rail pr. system Pressure relief valve 1 has been actuated High pressure regulation emergency operation activated 303300: Check engine Stop/start, Rail circuit, Test unit, wiring Test unit, Rail pr. sensor	A750		E	2
8B2101	Engine uppercarr. Error in Rail pr. system Pressure relief valve 2 has been actuated High pressure regulation emergency operation activated 303301: Check engine Stop/start, Rail circuit, Test unit, wiring Test unit, Rail pr. sensor	A750		E	2
8B2102	Engine uppercarr. Error in Rail pr. system Emerg. op. high pr. regulation activated Power reduction, high pressure pump control turned off 303302: Check rail circuit 1/2, Check wiring harness, plug	A750		E	2
8B2103	Engine uppercarr. Error in Rail pr. system Maximum pressure deviation high pr. sensor 1 and 2 exceeded No reaction on engine, the larger of the high pressure sensor values is used 303303: Check wiring harness, plug, rail pr. sensors, check rail circuit 1/2	A750		E	1
8B2104	Engine uppercarr. Error in Rail pr. system CR-regulating circuit 1 too large deviation (positive) no reaction 303304: Nitrogen circuit, Rail sensors, pr. relief valve 1, high pr. pump 1, Cable conn. engine control unit	A750		E	2
8B2105	Engine uppercarr. Error in Rail pr. system CR-regulating circuit 2 too large deviation (positive) no reaction 303305: Nitrogen circuit, Rail sensors, pr. relief valve 1, high pr. pump 1, Cable conn. engine control unit	A750		E	2
8B2106	Engine uppercarr. Error in Rail pr. system CR-regulating circuit 1 too large deviation (negative) no reaction 303306: Nitrogen circuit, Rail sensors, pr. relief valve 1, high pr. pump 1, Cable conn. engine control unit	A750		E	2
8B2107	Engine uppercarr. Error in Rail pr. system CR-regulating circuit 2 too large deviation (negative) no reaction 303307: Nitrogen circuit, Rail sensors, pr. relief valve 1, high pr. pump 1, Cable conn. engine control unit	A750		E	2
8B2108	Engine uppercarr. Error in Rail pr. system CR-regulating circuit 1 has leakage no reaction 303308: Nitrogen circuit, Rail sensors, pr. relief valve 1, high pr. pump 1, Cable conn. engine control unit	A750		E	2
8B2109	Engine uppercarr. Error in Rail pr. system CR-regulating circuit 2 has leakage no reaction 303309: Nitrogen circuit, Rail sensors, pr. relief valve 1, high pr. pump 1, Cable conn. engine control unit	A750		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B210A	Engine uppercarr. Error in Rail pr. system VCV Plausibility error Pump 1 High pressure regulation emergency operation activated 303310: Nitrogen circuit, Rail sensors, pr. relief valve 1, high pr. pump 1, Cable conn. engine control unit	A750		E	1
8B210B	Engine uppercarr. Error in Rail pr. system VCV Plausibility error Pump 2  303311: Nitrogen circuit, Rail sensors, pr. relief valve 1, high pr. pump 1, Cable conn. engine control unit	A750		E	0
8B210C	Engine uppercarr. Error in Rail pr. system common-rail regulating circuit 1 has leakage (CRS-System) no reaction 303312: Nitrogen circuit, Rail sensors, pr. relief valve 1, high pr. pump 1, Cable conn. engine control unit	A750		E	1
8B210D	Engine uppercarr. Error in Rail pr. system common-rail regulating circuit 2 has leakage (CRS-System) no reaction 303313: Nitrogen circuit, Rail sensors, pr. relief valve 1, high pr. pump 1, Cable conn. engine control unit	A750		E	1
8B2200	Engine uppercarr. Current outlet 1 Broken wire or Short circuit after ground Possibly high pr. reg/ emerg. op. activated 303400: Check wiring harness, plug, CR-components1, engine control unit	A750		E	2
8B2201	Engine uppercarr. Current outlet 1 Broken wire or short circuit after supply voltage Possibly high pr. reg/ emerg. op. activated 303401: Check wiring harness, plug, CR-components1, engine control unit	A750		E	2
8B2202	Engine uppercarr. Current outlet 1 Hardware error (control unit defective) Possibly high pr. reg/ emerg. op. activated 303402: Check wiring harness, plug, CR-components1, engine control unit	A750		E	2
8B2203	Engine uppercarr. Current outlet 1 Maximum signal difference to actuation exceeded Possibly high pr. reg/ emerg. op. activated 303403: Check wiring harness, plug, CR-components1, engine control unit	A750		E	2
8B2204	Engine uppercarr. Current outlet 1 Maximum signal difference to actuation exceeded Possibly high pr. reg/ emerg. op. activated 303404: Check wiring harness, plug, CR-components1, engine control unit	A750		E	2
8B2205	Engine uppercarr. Current outlet 1 Current measured without actuation Possibly high pr. reg/ emerg. op. activated 303405: Check wiring harness, plug, CR-components1, engine control unit	A750		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B2206	Engine uppercarr. Current outlet 1 Current too low in actuated state Possibly high pr. reg/ emerg. op. activated 303406: Check wiring harness, plug, CR-components1, engine control unit	A750		E	2
8B2207	Engine uppercarr. Current outlet 1 Current too high in actuated state Possibly high pr. reg/ emerg. op. activated 303407: Check wiring harness, plug, CR-components1, engine control unit	A750		E	2
8B2208	Engine uppercarr. Current outlet 1 Ground switch overcurrent Possibly high pr. reg/ emerg. op. activated 303408: Check wiring harness, plug, CR-components1, engine control unit	A750		E	2
8B2209	Engine uppercarr. Current outlet 1 Plus switch overcurrent Possibly high pr. reg/ emerg. op. activated 303409: Check wiring harness, plug, CR-components1, engine control unit	A750		E	2
8B220A	Engine uppercarr. Current outlet 1 Maximum analog value exceeded (PWM) Possibly high pr. reg/ emerg. op. activated 303410: Check wiring harness, plug, CR-components1, engine control unit	A750		E	2
8B2300	Engine uppercarr. Current outlet 2 Broken wire or Short circuit after ground Possibly high pr. reg/ emerg. op. activated 303500: Check wiring harness, plug, CR-components2, engine control unit	A750		E	2
8B2301	Engine uppercarr. Current outlet 2 Broken wire or short circuit after supply voltage Possibly high pr. reg/ emerg. op. activated 303501: Check wiring harness, plug, CR-components2, engine control unit	A750		E	2
8B2302	Engine uppercarr. Current outlet 2 Hardware error (control unit defective) Possibly high pr. reg/ emerg. op. activated 303502: Check wiring harness, plug, CR-components2, engine control unit	A750		E	2
8B2303	Engine uppercarr. Current outlet 2 Maximum signal difference to actuation exceeded Possibly high pr. reg/ emerg. op. activated 303503: Check wiring harness, plug, CR-components2, engine control unit	A750		E	2
8B2304	Engine uppercarr. Current outlet 2 Maximum signal difference to actuation exceeded Possibly high pr. reg/ emerg. op. activated 303504: Check wiring harness, plug, CR-components2, engine control unit	A750		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B2305	Engine uppercarr. Current outlet 2 Current measured without actuation Possibly high pr. reg/ emerg. op. activated 303505: Check wiring harness, plug, CR-components2, engine control unit	A750		E	2
8B2306	Engine uppercarr. Current outlet 2 Current too low in actuated state Possibly high pr. reg/ emerg. op. activated 303506: Check wiring harness, plug, CR-components2, engine control unit	A750		E	2
8B2307	Engine uppercarr. Current outlet 2 Current too high in actuated state Possibly high pr. reg/ emerg. op. activated 303507: Check wiring harness, plug, CR-components2, engine control unit	A750		E	2
8B2308	Engine uppercarr. Current outlet 2 Ground switch overcurrent Possibly high pr. reg/ emerg. op. activated 303508: Check wiring harness, plug, CR-components2, engine control unit	A750		E	2
8B2309	Engine uppercarr. Current outlet 2 Plus switch overcurrent Possibly high pr. reg/ emerg. op. activated 303509: Check wiring harness, plug, CR-components2, engine control unit	A750		E	2
8B230A	Engine uppercarr. Current outlet 2 Maximum analog value exceeded (PWM) Possibly high pr. reg/ emerg. op. activated 303510: Check wiring harness, plug, CR-components2, engine control unit	A750		E	2
8B2400	Engine uppercarr. Current outlet 3 Broken wire or Short circuit after ground Possibly high pr. reg/ emerg. op. activated 303600: Check wiring harness, plug, CR-components3, engine control unit	A750		E	2
8B2401	Engine uppercarr. Current outlet 3 Broken wire or short circuit after supply voltage Possibly high pr. reg/ emerg. op. activated 303601: Check wiring harness, plug, CR-components3, engine control unit	A750		E	2
8B2402	Engine uppercarr. Current outlet 3 Hardware error (control unit defective) Possibly high pr. reg/ emerg. op. activated 303602: Check wiring harness, plug, CR-components3, engine control unit	A750		E	2
8B2403	Engine uppercarr. Current outlet 3 Maximum signal difference to actuation exceeded Possibly high pr. reg/ emerg. op. activated 303603: Check wiring harness, plug, CR-components3, engine control unit	A750		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B2404	Engine uppercarr. Current outlet 3 Maximum signal difference to actuation exceeded Possibly high pr. reg/ emerg. op. activated 303604: Check wiring harness, plug, CR-components3, engine control unit	A750		E	2
8B2405	Engine uppercarr. Current outlet 3 Current measured without actuation Possibly high pr. reg/ emerg. op. activated 303605: Check wiring harness, plug, CR-components3, engine control unit	A750		E	2
8B2406	Engine uppercarr. Current outlet 3 Current too low in actuated state Possibly high pr. reg/ emerg. op. activated 303606: Check wiring harness, plug, CR-comp.3, engine control unit	A750		E	2
8B2407	Engine uppercarr. Current outlet 3 Current too high in actuated state Possibly high pr. reg/ emerg. op. activated 303607: Check wiring harness, plug, CR-comp.3, engine control unit	A750		E	2
8B2408	Engine uppercarr. Current outlet 3 Ground switch overcurrent Possibly high pr. reg/ emerg. op. activated 303608: Check wiring harness, plug, CR-components3, engine control unit	A750		E	2
8B2409	Engine uppercarr. Current outlet 3 Plus switch overcurrent Possibly high pr. reg/ emerg. op. activated 303609: Check wiring harness, plug, CR-components3, engine control unit	A750		E	2
8B240A	Engine uppercarr. Current outlet 3 Maximum analog value exceeded (PWM) Possibly high pr. reg/ emerg. op. activated 303610: Check wiring harness, plug, CR-components3, engine control unit	A750		E	2
8B2500	Engine uppercarr. Current outlet 4 Broken wire or Short circuit after ground Possibly high pr. reg/ emerg. op. activated 303700: Check wiring harness, plug, CR-components4, engine control unit	A750		E	2
8B2501	Engine uppercarr. Current outlet 4 Broken wire or short circuit after supply voltage Possibly high pr. reg/ emerg. op. activated 303701: Check wiring harness, plug, CR-components4, engine control unit	A750		E	2
8B2502	Engine uppercarr. Current outlet 4 Hardware error (control unit defective) Possibly high pr. reg/ emerg. op. activated 303702: Check wiring harness, plug, CR-components4, engine control unit	A750		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B2503	Engine uppercarr. Current outlet 4 Maximum signal difference to actuation exceeded Possibly high pr. reg/ emerg. op. activated 303703: Check wiring harness, plug, CR-components4, engine control unit	A750		E	2
8B2504	Engine uppercarr. Current outlet 4 Maximum signal difference to actuation exceeded Possibly high pr. reg/ emerg. op. activated 303704: Check wiring harness, plug, CR-components4, engine control unit	A750		E	2
8B2505	Engine uppercarr. Current outlet 4 Current measured without actuation Possibly high pr. reg/ emerg. op. activated 303705: Check wiring harness, plug, CR-components4, engine control unit	A750		E	2
8B2506	Engine uppercarr. Current outlet 4 Current too low in actuated state Possibly high pr. reg/ emerg. op. activated 303706: Check wiring harness, plug, CR-components4, engine control unit	A750		E	2
8B2507	Engine uppercarr. Current outlet 4 Current too high in actuated state Possibly high pr. reg/ emerg. op. activated 303707: Check wiring harness, plug, CR-components4, engine control unit	A750		E	2
8B2508	Engine uppercarr. Current outlet 4 Ground switch overcurrent Possibly high pr. reg/ emerg. op. activated 303708: Check wiring harness, plug, CR-components4, engine control unit	A750		E	2
8B2509	Engine uppercarr. Current outlet 4 Plus switch overcurrent Possibly high pr. reg/ emerg. op. activated 303709: Check wiring harness, plug, CR-components4, engine control unit	A750		E	2
8B250A	Engine uppercarr. Current outlet 4 Maximum analog value exceeded (PWM) Possibly high pr. reg/ emerg. op. activated 303710: Check wiring harness, plug, CR-components4, engine control unit	A750		E	2
8B2600	Engine uppercarr. Actuation Starter Broken wire or Short circuit after ground Engine start not possible 303800: Check wiring harness, plug, Starter, engine control unit	A750		E	1
8B2601	Engine uppercarr. Actuation Starter Broken wire or short circuit after supply voltage Engine start not possible 303801: Check wiring harness, plug, Starter, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B2602	Engine uppercarr. Actuation Starter Hardware error (control unit defective) Engine start not possible 303802: Check wiring harness, plug, Starter, engine control unit	A750		E	1
8B2603	Engine uppercarr. Actuation Starter Maximum signal difference to actuation exceeded no reaction 303803: Check wiring harness, plug, Starter, engine control unit	A750		E	1
8B2604	Engine uppercarr. Actuation Starter Maximum signal difference to actuation exceeded no reaction 303804: Check wiring harness, plug, Starter, engine control unit	A750		E	1
8B2605	Engine uppercarr. Actuation Starter Current measured without actuation no reaction 303805: Check wiring harness, plug, Starter, engine control unit	A750		E	1
8B2606	Engine uppercarr. Actuation Starter Current too low in actuated state no reaction 303806: Check wiring harness, plug, Starter, engine control unit	A750		E	1
8B2607	Engine uppercarr. Actuation Starter Current too high in actuated state no reaction 303807: Check wiring harness, plug, Starter, engine control unit	A750		E	1
8B2608	Engine uppercarr. Actuation Starter Ground switch overcurrent no reaction 303808: Check wiring harness, plug, Starter, engine control unit	A750		E	1
8B2609	Engine uppercarr. Actuation Starter Plus switch overcurrent no reaction 303809: Check wiring harness, plug, Starter, engine control unit	A750		E	1
8B260A	Engine uppercarr. Actuation Starter Maximum analog value exceeded (PWM) no reaction 303810: Check wiring harness, plug, Starter, engine control unit	A750		E	1
8B2700	Engine uppercarr. Actuation fan 1 cooling Broken wire or Short circuit after ground no reaction 303900: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B2701	Engine uppercarr. Actuation fan 1 cooling Broken wire or short circuit after supply voltage no reaction 303901: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2702	Engine uppercarr. Actuation fan 1 cooling Hardware error (control unit defective) no reaction 303902: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2703	Engine uppercarr. Actuation fan 1 cooling Maximum signal difference to actuation exceeded no reaction 303903: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2704	Engine uppercarr. Actuation fan 1 cooling Maximum signal difference to actuation exceeded no reaction 303904: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2705	Engine uppercarr. Actuation fan 1 cooling Current measured without actuation no reaction 303905: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2706	Engine uppercarr. Actuation fan 1 cooling Current too low in actuated state no reaction 303906: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2707	Engine uppercarr. Actuation fan 1 cooling Current too high in actuated state no reaction 303907: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2708	Engine uppercarr. Actuation fan 1 cooling Ground switch overcurrent no reaction 303908: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2709	Engine uppercarr. Actuation fan 1 cooling Plus switch overcurrent no reaction 303909: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B270A	Engine uppercarr. Actuation fan 1 cooling Maximum analog value exceeded (PWM) no reaction 303910: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B2800	Engine uppercarr. Actuation fan 2 cooling Broken wire or Short circuit after ground no reaction 304000: Check wiring harness, plug, fan prop. valve, engine control unit	A750			1
8B2801	Engine uppercarr. Actuation fan 2 cooling Broken wire or short circuit after supply voltage no reaction 304001: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2802	Engine uppercarr. Actuation fan 2 cooling Hardware error (control unit defective) no reaction 304002: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2803	Engine uppercarr. Actuation fan 2 cooling Maximum signal difference to actuation exceeded no reaction 304003: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2804	Engine uppercarr. Actuation fan 2 cooling Maximum signal difference to actuation exceeded no reaction 304004: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2805	Engine uppercarr. Actuation fan 2 cooling Current measured without actuation no reaction 304005: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2806	Engine uppercarr. Actuation fan 2 cooling Current too low in actuated state no reaction 304006: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2807	Engine uppercarr. Actuation fan 2 cooling Current too high in actuated state no reaction 304007: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2808	Engine uppercarr. Actuation fan 2 cooling Ground switch overcurrent no reaction 304008: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2809	Engine uppercarr. Actuation fan 2 cooling Plus switch overcurrent no reaction 304009: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B280A	Engine uppercarr. Actuation fan 2 cooling Maximum analog value exceeded (PWM) no reaction 304010: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2900	Engine uppercarr. Actuation fan 1 inverted cooling Broken wire or Short circuit after ground no reaction 304100: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2901	Engine uppercarr. Actuation fan 1 inverted cooling Broken wire or short circuit after supply voltage no reaction 304101: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2902	Engine uppercarr. Actuation fan 1 inverted cooling Hardware error (control unit defective) no reaction 304102: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2903	Engine uppercarr. Actuation fan 1 inverted cooling Maximum signal difference to actuation exceeded no reaction 304103: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2904	Engine uppercarr. Actuation fan 1 inverted cooling Maximum signal difference to actuation exceeded no reaction 304104: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2905	Engine uppercarr. Actuation fan 1 inverted cooling Current measured without actuation no reaction 304105: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2906	Engine uppercarr. Actuation fan 1 inverted cooling Current too low in actuated state no reaction 304106: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2907	Engine uppercarr. Actuation fan 1 inverted cooling Current too high in actuated state no reaction 304107: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2908	Engine uppercarr. Actuation fan 1 inverted cooling Ground switch overcurrent no reaction 304108: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B2909	Engine uppercarr. Actuation fan 1 inverted cooling Plus switch overcurrent no reaction 304109: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B290A	Engine uppercarr. Actuation fan 1 inverted cooling Maximum analog value exceeded (PWM) no reaction 304110: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2A00	Engine uppercarr. Actuation fan 2 inverted cooling Broken wire or Short circuit after ground no reaction 304200: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2A01	Engine uppercarr. Actuation fan 2 inverted cooling Broken wire or short circuit after supply voltage no reaction 304201: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2A02	Engine uppercarr. Actuation fan 2 inverted cooling Hardware error (control unit defective) no reaction 304202: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2A03	Engine uppercarr. Actuation fan 2 inverted cooling Maximum signal difference to actuation exceeded no reaction 304203: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2A04	Engine uppercarr. Actuation fan 2 inverted cooling Maximum signal difference to actuation exceeded no reaction 304204: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2A05	Engine uppercarr. Actuation fan 2 inverted cooling Current measured without actuation no reaction 304205: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2A06	Engine uppercarr. Actuation fan 2 inverted cooling Current too low in actuated state no reaction 304206: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2A07	Engine uppercarr. Actuation fan 2 inverted cooling Current too high in actuated state no reaction 304207: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B2A08	Engine uppercarr. Actuation fan 2 inverted cooling Ground switch overcurrent no reaction 304208: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2A09	Engine uppercarr. Actuation fan 2 inverted cooling Plus switch overcurrent no reaction 304209: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2A0A	Engine uppercarr. Actuation fan 2 inverted cooling Maximum analog value exceeded (PWM) no reaction 304210: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B2B00	Engine uppercarr. Actuation Heat flange / Flame start Broken wire or Short circuit after ground Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304300: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2B01	Engine uppercarr. Actuation Heat flange / Flame start Broken wire or short circuit after supply voltage Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304301: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2B02	Engine uppercarr. Actuation Heat flange / Flame start Hardware error (control unit defective) Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304302: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2B03	Engine uppercarr. Actuation Heat flange / Flame start Maximum signal difference to actuation exceeded Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304303: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2B04	Engine uppercarr. Actuation Heat flange / Flame start Maximum signal difference to actuation exceeded Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304304: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2B05	Engine uppercarr. Actuation Heat flange / Flame start Current measured without actuation Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304305: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2B06	Engine uppercarr. Actuation Heat flange / Flame start Current too low in actuated state Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304306: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B2B07	Engine uppercarr. Actuation Heat flange / Flame start Current too high in actuated state Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304307: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2B08	Engine uppercarr. Actuation Heat flange / Flame start Ground switch overcurrent Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304308: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2B09	Engine uppercarr. Actuation Heat flange / Flame start Plus switch overcurrent Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304309: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2B0A	Engine uppercarr. Actuation Heat flange / Flame start Maximum analog value exceeded (PWM) Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304310: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2B0B	Engine uppercarr. Actuation Heat flange / Flame start No voltage measured on heat element Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304311: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2B0C	Engine uppercarr. Actuation Heat flange / Flame start Voltage error on heat element Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304312: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2C00	Engine uppercarr. Actuation Heat flange / Flame start 2 Broken wire or Short circuit after ground Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304400: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2C01	Engine uppercarr. Actuation Heat flange / Flame start 2 Broken wire or short circuit after supply voltage Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304401: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2C02	Engine uppercarr. Actuation Heat flange / Flame start 2 Hardware error (control unit defective) Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304402: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2C03	Engine uppercarr. Actuation Heat flange / Flame start 2 Maximum signal difference to actuation exceeded Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304403: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B2C04	Engine uppercarr. Actuation Heat flange / Flame start 2 Maximum signal difference to actuation exceeded Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304404: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2C05	Engine uppercarr. Actuation Heat flange / Flame start 2 Current measured without actuation Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304405: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2C06	Engine uppercarr. Actuation Heat flange / Flame start 2 Current too low in actuated state Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304406: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2C07	Engine uppercarr. Actuation Heat flange / Flame start 2 Current too high in actuated state Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304407: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2C08	Engine uppercarr. Actuation Heat flange / Flame start 2 Ground switch overcurrent Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304408: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2C09	Engine uppercarr. Actuation Heat flange / Flame start 2 Plus switch overcurrent Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304409: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2C0A	Engine uppercarr. Actuation Heat flange / Flame start 2 Maximum analog value exceeded (PWM) Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304410: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2C0B	Engine uppercarr. Actuation Heat flange / Flame start 2 No voltage measured on heat element Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304411: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2C0C	Engine uppercarr. Actuation Heat flange / Flame start 2 Voltage error on heat element Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304412: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2D00	Engine uppercarr. Actuation Solenoid valve Broken wire or Short circuit after ground Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304500: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B2D01	Engine uppercarr. Actuation Solenoid valve Broken wire or short circuit after supply voltage Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304501: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2D02	Engine uppercarr. Actuation Solenoid valve Hardware error (control unit defective) Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304502: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2D03	Engine uppercarr. Actuation Solenoid valve Maximum signal difference to actuation exceeded Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304503: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2D04	Engine uppercarr. Actuation Solenoid valve Maximum signal difference to actuation exceeded Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304504: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2D05	Engine uppercarr. Actuation Solenoid valve Current measured without actuation Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304505: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2D06	Engine uppercarr. Actuation Solenoid valve Current too low in actuated state Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304506: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2D07	Engine uppercarr. Actuation Solenoid valve Current too high in actuated state Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304507: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2D08	Engine uppercarr. Actuation Solenoid valve Ground switch overcurrent Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304508: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2D09	Engine uppercarr. Actuation Solenoid valve Plus switch overcurrent Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304509: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1
8B2D0A	Engine uppercarr. Actuation Solenoid valve Maximum analog value exceeded (PWM) Failure of pre-and after warm up phase only for flame start system, otherwise no reaction 304510: Check wiring harness, plug, heat flange or glow plug unit, external relay, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B2E00	Engine uppercarr. Actuation Air flap Broken wire or Short circuit after ground no reaction 304600: Check wiring harness, plug, air flap, engine control unit	A750		E	1
8B2E01	Engine uppercarr. Actuation Air flap Broken wire or short circuit after supply voltage no reaction 304601: Check wiring harness, plug, air flap, engine control unit	A750		E	1
8B2E02	Engine uppercarr. Actuation Air flap Hardware error (control unit defective) no reaction 304602: Check wiring harness, plug, air flap, engine control unit	A750		E	1
8B2E03	Engine uppercarr. Actuation Air flap Maximum signal difference to actuation exceeded no reaction 304603: Check wiring harness, plug, air flap, engine control unit	A750		E	1
8B2E04	Engine uppercarr. Actuation Air flap Maximum signal difference to actuation exceeded no reaction 304604: Check wiring harness, plug, air flap, engine control unit	A750		E	1
8B2E05	Engine uppercarr. Actuation Air flap Current measured without actuation no reaction 304605: Check wiring harness, plug, air flap, engine control unit	A750		E	1
8B2E06	Engine uppercarr. Actuation Air flap Current too low in actuated state no reaction 304606: Check wiring harness, plug, air flap, engine control unit	A750		E	1
8B2E07	Engine uppercarr. Actuation Air flap Current too high in actuated state no reaction 304607: Check wiring harness, plug, air flap, engine control unit	A750		E	1
8B2E08	Engine uppercarr. Actuation Air flap Ground switch overcurrent no reaction 304608: Check wiring harness, plug, air flap, engine control unit	A750		E	1
8B2E09	Engine uppercarr. Actuation Air flap Plus switch overcurrent no reaction 304609: Check wiring harness, plug, air flap, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B2E0A	Engine uppercarr. Actuation Air flap Maximum analog value exceeded (PWM) no reaction 304610: Check wiring harness, plug, air flap, engine control unit	A750		E	1
8B2F00	Engine uppercarr. Actuation Turbocharger Broken wire or Short circuit after ground No reaction, change over to OL 304700: Check wiring harness, plug, solenoid v. turbocharger, engine control unit	A750		E	1
8B2F01	Engine uppercarr. Actuation Turbocharger Broken wire or short circuit after supply voltage No reaction, change over to OL 304701: Check wiring harness, plug, solenoid v. turbocharger, engine control unit	A750		E	1
8B2F02	Engine uppercarr. Actuation Turbocharger Hardware error (control unit defective) No reaction, change over to OL 304702: Check wiring harness, plug, solenoid v. turbocharger, engine control unit	A750		E	1
8B2F03	Engine uppercarr. Actuation Turbocharger Maximum signal difference to actuation exceeded No reaction, change over to OL 304703: Check wiring harness, plug, solenoid v. turbocharger, engine control unit	A750		E	1
8B2F04	Engine uppercarr. Actuation Turbocharger Maximum signal difference to actuation exceeded No reaction, change over to OL 304704: Check wiring harness, plug, solenoid v. turbocharger, engine control unit	A750		E	1
8B2F05	Engine uppercarr. Actuation Turbocharger Current measured without actuation No reaction, change over to OL 304705: Check wiring harness, plug, solenoid v. turbocharger, engine control unit	A750		E	1
8B2F06	Engine uppercarr. Actuation Turbocharger Current too low in actuated state No reaction, change over to OL 304706: Check wiring harness, plug, solenoid v. turbocharger, engine control unit	A750		E	1
8B2F07	Engine uppercarr. Actuation Turbocharger Current too high in actuated state No reaction, change over to OL 304707: Check wiring harness, plug, solenoid v. turbocharger, engine control unit	A750		E	1
8B2F08	Engine uppercarr. Actuation Turbocharger Ground switch overcurrent No reaction, change over to OL 304708: Check wiring harness, plug, solenoid v. turbocharger, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B2F09	Engine uppercarr. Actuation Turbocharger Plus switch overcurrent No reaction, change over to OL 304709: Check wiring harness, plug, solenoid v. turbocharger, engine control unit	A750		E	1
8B2F0A	Engine uppercarr. Actuation Turbocharger Maximum analog value exceeded (PWM) No reaction, change over to OL 304710: Check wiring harness, plug, solenoid v. turbocharger, engine control unit	A750		E	1
8B3000	Engine uppercarr. Actuation Turbocharger 2 Broken wire or Short circuit after ground No reaction, change over to OL 304800: Check wiring harness, plug, solenoid v. turbocharger, engine control unit	A750		E	1
8B3001	Engine uppercarr. Actuation Turbocharger 2 Broken wire or short circuit after supply voltage No reaction, change over to OL 304801: Check wiring harness, plug, solenoid v. turbocharger, engine control unit	A750		E	1
8B3002	Engine uppercarr. Actuation Turbocharger 2 Hardware error (control unit defective) No reaction, change over to OL 304802: Check wiring harness, plug, solenoid v. turbocharger, engine control unit	A750		E	1
8B3003	Engine uppercarr. Actuation Turbocharger 2 Maximum signal difference to actuation exceeded No reaction, change over to OL 304803: Check wiring harness, plug, solenoid v. turbocharger, engine control unit	A750		E	1
8B3004	Engine uppercarr. Actuation Turbocharger 2 Maximum signal difference to actuation exceeded No reaction, change over to OL 304804: Check wiring harness, plug, solenoid v. turbocharger, engine control unit	A750		E	1
8B3005	Engine uppercarr. Actuation Turbocharger 2 Current measured without actuation No reaction, change over to OL 304805: Check wiring harness, plug, solenoid v. turbocharger, engine control unit	A750		E	1
8B3006	Engine uppercarr. Actuation Turbocharger 2 Current too low in actuated state No reaction, change over to OL 304806: Check wiring harness, plug, solenoid v. turbocharger, engine control unit	A750		E	1
8B3007	Engine uppercarr. Actuation Turbocharger 2 Current too high in actuated state No reaction, change over to OL 304807: Check wiring harness, plug, solenoid v. turbocharger, engine control unit	A750		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B3008	Engine uppercarr. Actuation Turbocharger 2 Ground switch overcurrent No reaction, change over to OL 304808: Check wiring harness, plug, solenoid v. turbocharger, engine control unit	A750		E	1
8B3009	Engine uppercarr. Actuation Turbocharger 2 Plus switch overcurrent No reaction, change over to OL 304809: Check wiring harness, plug, solenoid v. turbocharger, engine control unit	A750		E	1
8B300A	Engine uppercarr. Actuation Turbocharger 2 Maximum analog value exceeded (PWM) No reaction, change over to OL 304810: Check wiring harness, plug, solenoid v. turbocharger, engine control unit	A750		E	1
8B3100	Engine uppercarr. Actuation AGR 1 Broken wire or Short circuit after ground Function engine brake flap deactivated 304900: Check wiring harness, plug, AGR1-valve, engine control unit	A750		E	1
8B3101	Engine uppercarr. Actuation AGR 1 Broken wire or short circuit after supply voltage Function engine brake flap deactivated 304901: Check wiring harness, plug, AGR1-valve, engine control unit	A750		E	1
8B3102	Engine uppercarr. Actuation AGR 1 Hardware error (control unit defective) Function engine brake flap deactivated 304902: Check wiring harness, plug, AGR1-valve, engine control unit	A750		E	1
8B3103	Engine uppercarr. Actuation AGR 1 Maximum signal difference to actuation exceeded Function engine brake flap deactivated 304903: Check wiring harness, plug, AGR1-valve, engine control unit	A750		E	1
8B3104	Engine uppercarr. Actuation AGR 1 Maximum signal difference to actuation exceeded Function engine brake flap deactivated 304904: Check wiring harness, plug, AGR1-valve, engine control unit	A750		E	1
8B3105	Engine uppercarr. Actuation AGR 1 Current measured without actuation Function engine brake flap deactivated 304905: Check wiring harness, plug, AGR1-valve, engine control unit	A750		E	1
8B3106	Engine uppercarr. Actuation AGR 1 Current too low in actuated state Function engine brake flap deactivated 304906: Check wiring harness, plug, AGR1-valve, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B3107	Engine uppercarr. Actuation AGR 1 Current too high in actuated state Function engine brake flap deactivated 304907: Check wiring harness, plug, AGR1-valve, engine control unit	A750		E	1
8B310B	Engine uppercarr. Actuation AGR 1 Deviation error, AGR open too wide Function engine brake flap deactivated 304911: Check wiring harness, plug, AGR1-valve, engine control unit	A750		E	1
8B310C	Engine uppercarr. Actuation AGR 1 Deviation error, AGR open too little Function engine brake flap deactivated 304912: Check wiring harness, plug, AGR1-valve, engine control unit	A750		E	1
8B310D	Engine uppercarr. Actuation AGR 1 Error in CAN-Module AGR Function engine brake flap deactivated 304913: Check wiring harness, plug, AGR1-valve, engine control unit	A750		E	1
8B3200	Engine uppercarr. Actuation AGR 2 Broken wire or Short circuit after ground Function engine brake flap deactivated 305000: Check wiring harness, plug, AGR2-valve, engine control unit	A750		E	1
8B3201	Engine uppercarr. Actuation AGR 2 Broken wire or short circuit after supply voltage Function engine brake flap deactivated 305001: Check wiring harness, plug, AGR2-valve, engine control unit	A750		E	1
8B3202	Engine uppercarr. Actuation AGR 2 Hardware error (control unit defective) Function engine brake flap deactivated 305002: Check wiring harness, plug, AGR2-valve, engine control unit	A750		E	1
8B3203	Engine uppercarr. Actuation AGR 2 Maximum signal difference to actuation exceeded Function engine brake flap deactivated 305003: Check wiring harness, plug, AGR2-valve, engine control unit	A750		E	1
8B3204	Engine uppercarr. Actuation AGR 2 Maximum signal difference to actuation exceeded Function engine brake flap deactivated 305004: Check wiring harness, plug, AGR2-valve, engine control unit	A750		E	1
8B3205	Engine uppercarr. Actuation AGR 2 Current measured without actuation Function engine brake flap deactivated 305005: Check wiring harness, plug, AGR2-valve, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B3206	Engine uppercarr. Actuation AGR 2 Current too low in actuated state Function engine brake flap deactivated 305006: Check wiring harness, plug, AGR2-valve, engine control unit	A750		E	1
8B3207	Engine uppercarr. Actuation AGR 2 Current too high in actuated state Function engine brake flap deactivated 305007: Check wiring harness, plug, AGR2-valve, engine control unit	A750		E	1
8B320B	Engine uppercarr. Actuation AGR 2 Deviation error, AGR open too wide Function engine brake flap deactivated 305011: Check wiring harness, plug, AGR2-valve, engine control unit	A750		E	1
8B320C	Engine uppercarr. Actuation AGR 2 Deviation error, AGR open too little Function engine brake flap deactivated 305012: Check wiring harness, plug, AGR2-valve, engine control unit	A750		E	1
8B320D	Engine uppercarr. Actuation AGR 2 Error in CAN-Module AGR Function engine brake flap deactivated 305013: Check wiring harness, plug, AGR2-valve, engine control unit	A750		E	1
8B3300	Engine uppercarr. Lamp emerg. oper Broken wire or Short circuit after ground No reaction, status is not shown 305100: Check wiring	A750		E	1
8B3301	Engine uppercarr. Lamp emerg. oper Broken wire or short circuit after supply voltage No reaction, status is not shown 305101: Check wiring	A750		E	1
8B3302	Engine uppercarr. Lamp emerg. oper Hardware error (control unit defective) No reaction, status is not shown 305102: Check wiring	A750		E	1
8B3303	Engine uppercarr. Lamp emerg. oper Maximum signal difference to actuation exceeded No reaction, status is not shown 305103: Check wiring	A750		E	1
8B3304	Engine uppercarr. Lamp emerg. oper Maximum signal difference to actuation exceeded No reaction, status is not shown 305104: Check wiring	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B3305	Engine uppercarr. Lamp emerg. oper Current measured without actuation No reaction, status is not shown 305105: Check wiring	A750		E	1
8B3306	Engine uppercarr. Lamp emerg. oper Current too low in actuated state No reaction, status is not shown 305106: Check wiring	A750		E	1
8B3307	Engine uppercarr. Lamp emerg. oper Current too high in actuated state No reaction, status is not shown 305107: Check wiring	A750		E	1
8B3308	Engine uppercarr. Lamp emerg. oper Ground switch overcurrent No reaction, status is not shown 305108: Check wiring	A750		E	1
8B3309	Engine uppercarr. Lamp emerg. oper Plus switch overcurrent No reaction, status is not shown 305109: Check wiring	A750		E	1
8B330A	Engine uppercarr. Lamp emerg. oper Maximum analog value exceeded (PWM) No reaction, status is not shown 305110: Check wiring	A750		E	1
8B3400	Engine uppercarr. Lamp cold start / Start readiness Broken wire or Short circuit after ground No reaction, status is not shown 305200: Check wiring	A750		E	1
8B3401	Engine uppercarr. Lamp cold start / Start readiness Broken wire or short circuit after supply voltage No reaction, status is not shown 305201: Check wiring	A750		E	1
8B3402	Engine uppercarr. Lamp cold start / Start readiness Hardware error (control unit defective) No reaction, status is not shown 305202: Check wiring	A750		E	1
8B3403	Engine uppercarr. Lamp cold start / Start readiness Maximum signal difference to actuation exceeded No reaction, status is not shown 305203: Check wiring	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B3404	Engine uppercarr. Lamp cold start / Start readiness Maximum signal difference to actuation exceeded No reaction, status is not shown 305204: Check wiring	A750		E	1
8B3405	Engine uppercarr. Lamp cold start / Start readiness Current measured without actuation No reaction, status is not shown 305205: Check wiring	A750		E	1
8B3406	Engine uppercarr. Lamp cold start / Start readiness Current too low in actuated state No reaction, status is not shown 305206: Check wiring	A750		E	1
8B3407	Engine uppercarr. Lamp cold start / Start readiness Current too high in actuated state No reaction, status is not shown 305207: Check wiring	A750		E	1
8B3408	Engine uppercarr. Lamp cold start / Start readiness Ground switch overcurrent No reaction, status is not shown 305208: Check wiring	A750		E	1
8B3409	Engine uppercarr. Lamp cold start / Start readiness Plus switch overcurrent No reaction, status is not shown 305209: Check wiring	A750		E	1
8B340A	Engine uppercarr. Lamp cold start / Start readiness Maximum analog value exceeded (PWM) No reaction, status is not shown 305210: Check wiring	A750		E	1
8B3500	Engine uppercarr. Request engine stop Broken wire or Short circuit after ground No reaction, status is not shown 305300: Check wiring	A750		E	1
8B3501	Engine uppercarr. Request engine stop Broken wire or short circuit after supply voltage No reaction, status is not shown 305301: Check wiring	A750		E	1
8B3502	Engine uppercarr. Request engine stop Hardware error (control unit defective) No reaction, status is not shown 305302: Check wiring	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B3503	Engine uppercarr. Request engine stop Maximum signal difference to actuation exceeded No reaction, status is not shown 305303: Check wiring	A750		E	1
8B3504	Engine uppercarr. Request engine stop Maximum signal difference to actuation exceeded No reaction, status is not shown 305304: Check wiring	A750		E	1
8B3505	Engine uppercarr. Request engine stop Current measured without actuation  305305: Check wiring	A750		E	1
8B3506	Engine uppercarr. Request engine stop Current too low in actuated state No reaction, status is not shown 305306: Check wiring	A750		E	1
8B3507	Engine uppercarr. Request engine stop Current too high in actuated state No reaction, status is not shown 305307: Check wiring	A750		E	1
8B3508	Engine uppercarr. Request engine stop Ground switch overcurrent No reaction, status is not shown 305308: Check wiring	A750		E	1
8B3509	Engine uppercarr. Request engine stop Plus switch overcurrent No reaction, status is not shown 305309: Check wiring	A750		E	1
8B350A	Engine uppercarr. Request engine stop Maximum analog value exceeded (PWM) No reaction, status is not shown 305310: Check wiring	A750		E	1
8B3600	Engine uppercarr. Outlet engine running Broken wire or Short circuit after ground No reaction, status is not shown 305400: Check wiring	A750		E	1
8B3601	Engine uppercarr. Outlet engine running Broken wire or short circuit after supply voltage No reaction, status is not shown 305401: Check wiring	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B3602	Engine uppercarr. Outlet engine running Hardware error (control unit defective) No reaction, status is not shown 305402: Check wiring	A750		E	1
8B3603	Engine uppercarr. Outlet engine running Maximum signal difference to actuation exceeded No reaction, status is not shown 305403: Check wiring	A750		E	1
8B3604	Engine uppercarr. Outlet engine running Maximum signal difference to actuation exceeded No reaction, status is not shown 305404: Check wiring	A750		E	1
8B3605	Engine uppercarr. Outlet engine running Current measured without actuation No reaction, status is not shown 305405: Check wiring	A750		E	1
8B3606	Engine uppercarr. Outlet engine running Current too low in actuated state No reaction, status is not shown 305406: Check wiring	A750		E	1
8B3607	Engine uppercarr. Outlet engine running Current too high in actuated state No reaction, status is not shown 305407: Check wiring	A750		E	1
8B3608	Engine uppercarr. Outlet engine running Ground switch overcurrent No reaction, status is not shown 305408: Check wiring	A750		E	1
8B3609	Engine uppercarr. Outlet engine running Plus switch overcurrent No reaction, status is not shown 305409: Check wiring	A750		E	1
8B360A	Engine uppercarr. Outlet engine running Maximum analog value exceeded (PWM) No reaction, status is not shown 305410: Check wiring	A750		E	1
8B3700	Engine uppercarr. Display engine stop Broken wire or Short circuit after ground No reaction, status is not shown 305500: Check wiring	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B3701	Engine uppercarr. Display engine stop Broken wire or short circuit after supply voltage No reaction, status is not shown 305501: Check wiring	A750		E	1
8B3702	Engine uppercarr. Display engine stop Hardware error (control unit defective) No reaction, status is not shown 305502: Check wiring	A750		E	1
8B3703	Engine uppercarr. Display engine stop Maximum signal difference to actuation exceeded No reaction, status is not shown 305503: Check wiring	A750		E	1
8B3704	Engine uppercarr. Display engine stop Maximum signal difference to actuation exceeded No reaction, status is not shown 305504: Check wiring	A750		E	1
8B3705	Engine uppercarr. Display engine stop Current measured without actuation No reaction, status is not shown 305505: Check wiring	A750		E	1
8B3706	Engine uppercarr. Display engine stop Current too low in actuated state No reaction, status is not shown 305506: Check wiring	A750		E	1
8B3707	Engine uppercarr. Display engine stop Current too high in actuated state No reaction, status is not shown 305507: Check wiring	A750		E	1
8B3708	Engine uppercarr. Display engine stop Ground switch overcurrent No reaction, status is not shown 305508: Check wiring	A750		E	1
8B3709	Engine uppercarr. Display engine stop Plus switch overcurrent No reaction, status is not shown 305509: Check wiring	A750		E	1
8B370A	Engine uppercarr. Display engine stop Maximum analog value exceeded (PWM) No reaction, status is not shown 305510: Check wiring	A750		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B3800	Engine uppercarr. DAReversible fan Broken wire or Short circuit after ground The reversible fan control 1 is not actuated 305600: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B3801	Engine uppercarr. DAReversible fan Broken wire or short circuit after supply voltage The reversible fan control 1 is not actuated 305601: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B3802	Engine uppercarr. DAReversible fan Hardware error (control unit defective) The reversible fan control 1 is not actuated 305602: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B3803	Engine uppercarr. DAReversible fan Maximum signal difference to actuation exceeded The reversible fan control 1 is not actuated 305603: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B3804	Engine uppercarr. DAReversible fan Maximum signal difference to actuation exceeded The reversible fan control 1 is not actuated 305604: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B3805	Engine uppercarr. DAReversible fan Current measured without actuation The reversible fan control 1 is not actuated 305605: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B3806	Engine uppercarr. DAReversible fan Current too low in actuated state The reversible fan control 1 is not actuated 305606: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B3807	Engine uppercarr. DAReversible fan Current too high in actuated state The reversible fan control 1 is not actuated 305607: Check wiring harness, plug, fan prop. valve, engine control unit	A750		E	1
8B3900	Engine uppercarr. Outlet engine rpm Broken wire or Short circuit after ground  305700:	A750		E	0
8B3901	Engine uppercarr. Outlet engine rpm Broken wire or short circuit after supply voltage  305701:	A750		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B3A00	Engine uppercarr. Outlet engine off Broken wire or Short circuit after ground no reaction 305800: Check wiring, engine control unit and unit connected to this unit	A750		E	1
8B3A01	Engine uppercarr. Outlet engine off Broken wire or short circuit after supply voltage no reaction 305801: Check wiring, engine control unit and unit connected to this unit	A750		E	1
8B3A02	Engine uppercarr. Outlet engine off Error on hardware recognized no reaction 305802: Check wiring, engine control unit and unit connected to this unit	A750		E	1
8B3A03	Engine uppercarr. Outlet engine off Regulating deviation negative too high no reaction 305803: Check wiring, engine control unit and unit connected to this unit	A750		E	1
8B3A04	Engine uppercarr. Outlet engine off Regulating deviation positive too high no reaction 305804: Check wiring, engine control unit and unit connected to this unit	A750		E	1
8B3A05	Engine uppercarr. Outlet engine off Current in shut off status too high no reaction 305805: Check wiring, engine control unit and unit connected to this unit	A750		E	1
8B3A06	Engine uppercarr. Outlet engine off Current too low no reaction 305806: Check wiring, engine control unit and unit connected to this unit	A750		E	1
8B3A07	Engine uppercarr. Outlet engine off Current too high no reaction 305807: Check wiring, engine control unit and unit connected to this unit	A750		E	1
8B3A08	Engine uppercarr. Outlet engine off Current on ground switch too high no reaction 305808: Check wiring, engine control unit and unit connected to this unit	A750		E	1
8B3A09	Engine uppercarr. Outlet engine off Current on plus switch too high no reaction 305809: Check wiring, engine control unit and unit connected to this unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B3A0A	Engine uppercarr. Outlet engine off Pulse width (PWM) on maximum no reaction 305810: Check wiring, engine control unit and unit connected to this unit	A750		E	1
8B3B00	Engine uppercarr. Output warning signal (Amber Warning) Broken wire or Short circuit after ground no reaction 305900: Check wiring, engine control unit and unit connected to this unit	A750		E	1
8B3B01	Engine uppercarr. Output warning signal (Amber Warning) Broken wire or short circuit after supply voltage no reaction 305901: Check wiring, engine control unit and unit connected to this unit	A750		E	1
8B3B02	Engine uppercarr. Output warning signal (Amber Warning) Error on hardware recognized no reaction 305902: Check wiring, engine control unit and unit connected to this unit	A750		E	1
8B3B03	Engine uppercarr. Output warning signal (Amber Warning) Regulating deviation negative too high no reaction 305903: Check wiring, engine control unit and unit connected to this unit	A750		E	1
8B3B04	Engine uppercarr. Output warning signal (Amber Warning) Regulating deviation positive too high no reaction 305904: Check wiring, engine control unit and unit connected to this unit	A750		E	1
8B3B05	Engine uppercarr. Output warning signal (Amber Warning) Current in shut off status too high no reaction 305905: Check wiring, engine control unit and unit connected to this unit	A750		E	1
8B3B06	Engine uppercarr. Output warning signal (Amber Warning) Current too low no reaction 305906: Check wiring, engine control unit and unit connected to this unit	A750		E	1
8B3B07	Engine uppercarr. Output warning signal (Amber Warning) Current too high no reaction 305907: Check wiring, engine control unit and unit connected to this unit	A750		E	1
8B3B08	Engine uppercarr. Output warning signal (Amber Warning) Current on ground switch too high no reaction 305908: Check wiring, engine control unit and unit connected to this unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B3B09	Engine uppercarr. Output warning signal (Amber Warning) Current on plus switch too high no reaction 305909: Check wiring, engine control unit and unit connected to this unit	A750		E	1
8B3C00	Engine uppercarr. Mass flow sensor 1 Temperature sensor erroneous Possibly power reduction 306000: Replace sensor	A750		E	1
8B3C01	Engine uppercarr. Mass flow sensor 1 Absolute pressure sensor erroneous Possibly power reduction 306001: Replace sensor	A750		E	1
8B3C02	Engine uppercarr. Mass flow sensor 1 Differential pressure sensor erroneous Possibly power reduction 306002: Replace sensor	A750		E	1
8B3C03	Engine uppercarr. Mass flow sensor 1 excess temperature Change over to 2nd Lambda Signal 306003: Replace sensor	A750		E	1
8B3C0A	Engine uppercarr. Mass flow sensor 1 Ground current signal 1 implausible, detection at high ground current Warning light on 306010: Clean sensor or replace	A750		E	1
8B3C0B	Engine uppercarr. Mass flow sensor 1 Ground current signal 1 implausible, detection at low ground current Warning light on 306011: Clean sensor or replace	A750		E	1
8B3D00	Engine uppercarr. Mass flow sensor 2 Temperature sensor erroneous Possibly power reduction 306100: Replace sensor	A750		E	1
8B3D01	Engine uppercarr. Mass flow sensor 2 Absolute pressure sensor erroneous Possibly power reduction 306101: Replace sensor	A750		E	1
8B3D02	Engine uppercarr. Mass flow sensor 2 Differential pressure sensor erroneous Possibly power reduction 306102: Replace sensor	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B3D03	Engine uppercarr. Mass flow sensor 2 excess temperature Change over to 2nd Lambda Signal 306103: Replace sensor	A750		E	1
8B3D0A	Engine uppercarr. Mass flow sensor 2 Ground current signal 1 implausible, detection at high ground current Warning light on 306110: Clean sensor or replace	A750		E	1
8B3D0B	Engine uppercarr. Mass flow sensor 2 Ground current signal 1 implausible, detection at low ground current Warning light on 306111: Clean sensor or replace	A750		E	1
8B3E00	Engine uppercarr. NOx sensor "Up 1" Open line No Lambda correction - possibly power reduction 306200: Replace sensor	A750		E	1
8B3E01	Engine uppercarr. NOx sensor "Up 1" Short circuit No Lambda correction - possibly power reduction 306201: Replace sensor	A750		E	1
8B3E0A	Engine uppercarr. NOx sensor "Up 1" Value implausible Warning light on 306210: Replace sensor	A750		E	1
8B3F00	Engine uppercarr. NOx sensor "Down 1" Open line No Lambda correction - possibly power reduction 306300: Replace sensor	A750		E	1
8B3F01	Engine uppercarr. NOx sensor "Down 1" Short circuit No Lambda correction - possibly power reduction 306301: Replace sensor	A750		E	1
8B4000	Engine uppercarr. NOx sensor "Up 2" Open line No Lambda correction - possibly power reduction 306400: Replace sensor	A750		E	1
8B4001	Engine uppercarr. NOx sensor "Up 2" Short circuit No Lambda correction - possibly power reduction 306401: Replace sensor	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B4100	Engine uppercarr. NOx sensor "Down 2" Open line No Lambda correction - possibly power reduction 306500: Replace sensor	A750		E	1
8B4101	Engine uppercarr. NOx sensor "Down 2" Short circuit No Lambda correction - possibly power reduction 306501: Replace sensor	A750		E	1
8B4200	Engine uppercarr. Water pump maximum rpm deviation exceeded no reaction 306600: Check wiring harness, plug, conn. Modul	A750		E	1
8B4300	Engine uppercarr. EGR-valve 1 excess temperature Power reduction of Diesel engine 306700: Check cooling module	A750		E	1
8B4301	Engine uppercarr. EGR-valve 1 Permissible regulator deviation exceeded Power reduction of Diesel engine 306701: Check module: linkage, flap	A750		E	1
8B4302	Engine uppercarr. EGR-valve 1 Data communication CAN faulty Power reduction of Diesel engine 306702: Check wiring, Module	A750		E	1
8B4303	Engine uppercarr. EGR-valve 1 Data communication CAN interrupted Power reduction of Diesel engine 306703: Check wiring, Module	A750		E	1
8B4304	Engine uppercarr. EGR-valve 1 Spring erroneous Power reduction of Diesel engine 306704: Replace module	A750		E	1
8B4305	Engine uppercarr. EGR-valve 1 Gear erroneous Power reduction of Diesel engine 306705: Replace module	A750		E	1
8B4306	Engine uppercarr. EGR-valve 1 steering device error Power reduction of Diesel engine 306706: Replace module	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B4307	Engine uppercarr. EGR-valve 1 Absolute position sensor erroneous Power reduction of Diesel engine 306707: Replace module	A750		E	1
8B4309	Engine uppercarr. EGR-valve 1 Calibration procedure erroneous Power reduction of Diesel engine 306709: Check module: linkage, flap	A750		E	1
8B430A	Engine uppercarr. EGR-valve 1 Teach in procedure erroneous (downward) Power reduction of Diesel engine 306710: Check module: linkage, flap	A750		E	1
8B430B	Engine uppercarr. EGR-valve 1 Supply voltage over / undervoltage recognized Power reduction of Diesel engine 306711: Check wiring alternator (D+) to battery or to engine control unit , alternator	A750		E	1
8B430C	Engine uppercarr. EGR-valve 1 Teach in procedure erroneous (upward) Power reduction of Diesel engine 306712: Check module: linkage, flap	A750		E	1
8B430D	Engine uppercarr. EGR-valve 1 Reference to zero point erroneous Power reduction of Diesel engine 306713: Check module: linkage, flap	A750		E	1
8B4400	Engine uppercarr. EGR-valve 2 excess temperature Power reduction of Diesel engine 306800: Check cooling module	A750		E	1
8B4401	Engine uppercarr. EGR-valve 2 Permissible regulator deviation exceeded Power reduction of Diesel engine 306801: Check module: linkage, flap	A750		E	1
8B4402	Engine uppercarr. EGR-valve 2 Data communication CAN faulty Power reduction of Diesel engine 306802: Check wiring, Module	A750		E	1
8B4403	Engine uppercarr. EGR-valve 2 Data communication CAN interrupted Power reduction of Diesel engine 306803: Check wiring, Module pruefen	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B4404	Engine uppercarr. EGR-valve 2 Spring erroneous Power reduction of Diesel engine 306804: Replace module	A750		E	1
8B4405	Engine uppercarr. EGR-valve 2 Gear erroneous Power reduction of Diesel engine 306805: Replace module	A750			1
8B4406	Engine uppercarr. EGR-valve 2 steering device error Power reduction of Diesel engine 306806: Replace module	A750		E	1
8B4407	Engine uppercarr. EGR-valve 2 Absolute position sensor erroneous Power reduction of Diesel engine 306807: Replace module	A750		E	1
8B4409	Engine uppercarr. EGR-valve 2 Calibration procedure erroneous Power reduction of Diesel engine 306809: Check module: linkage, flap	A750		E	1
8B440A	Engine uppercarr. EGR-valve 2 Teach in procedure erroneous (downward) Power reduction of Diesel engine 306810: Check module: linkage, flap	A750		E	1
8B440B	Engine uppercarr. EGR-valve 2 Supply voltage over / undervoltage recognized Power reduction of Diesel engine 306811: Check wiring alternator (D+) to battery or to engine control unit, alternator	A750		E	1
8B440C	Engine uppercarr. EGR-valve 2 Teach in procedure erroneous (upward) Power reduction of Diesel engine 306812: Check module: linkage, flap	A750		E	1
8B440D	Engine uppercarr. EGR-valve 2 Reference to zero point erroneous Power reduction of Diesel engine 306813: Check module: linkage, flap	A750		E	1
8B4500	Engine uppercarr. WG-valve 1 excess temperature Power reduction of Diesel engine 306900: Check cooling module	A750		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B4501	Engine uppercarr. WG-valve 1 Permissible regulator deviation exceeded Power reduction of Diesel engine 306901: Check module: linkage, flap	A750		E	1
8B4502	Engine uppercarr. WG-valve 1 Data communication CAN faulty Power reduction of Diesel engine 306902: Check wiring, Module pruefen	A750		E	1
8B4503	Engine uppercarr. WG-valve 1 Data communication CAN interrupted Power reduction of Diesel engine 306903: Check wiring, Module pruefen	A750		E	1
8B4504	Engine uppercarr. WG-valve 1 Spring erroneous Power reduction of Diesel engine 306904: Replace module	A750		E	1
8B4505	Engine uppercarr. WG-valve 1 Gear erroneous Power reduction of Diesel engine 306905: Replace module	A750		E	1
8B4506	Engine uppercarr. WG-valve 1 steering device error Power reduction of Diesel engine 306906: Replace module	A750		E	1
8B4507	Engine uppercarr. WG-valve 1 Absolute position sensor erroneous Power reduction of Diesel engine 306907: Replace module	A750		E	1
8B4509	Engine uppercarr. WG-valve 1 Calibration procedure erroneous Power reduction of Diesel engine 306909: Check module: linkage, flap	A750		E	1
8B450A	Engine uppercarr. WG-valve 1 Teach in procedure erroneous (downward) Power reduction of Diesel engine 306910: Check module: linkage, flap	A750		E	1
8B450B	Engine uppercarr. WG-valve 1 Supply voltage over / undervoltage recognized Power reduction of Diesel engine 306911: Check wiring alternator (D+) to battery or to engine control unit, alternator	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B450C	Engine uppercarr. WG-valve 1 Teach in procedure erroneous (upward) Power reduction of Diesel engine 306912: Check module: linkage, flap	A750		E	1
8B450D	Engine uppercarr. WG-valve 1 Reference to zero point erroneous Power reduction of Diesel engine 306913: Check module: linkage, flap	A750		E	1
8B4600	Engine uppercarr. WG-valve 2 excess temperature Power reduction of Diesel engine 307000: Check cooling module	A750		E	1
8B4601	Engine uppercarr. WG-valve 2 Permissible regulator deviation exceeded Power reduction of Diesel engine 307001: Check module: linkage, flap	A750		E	1
8B4602	Engine uppercarr. WG-valve 2 Data communication CAN faulty Power reduction of Diesel engine 307002: Check wiring, module	A750		E	1
8B4603	Engine uppercarr. WG-valve 2 Data communication CAN interrupted Power reduction of Diesel engine 307003: Check wiring, Module pruefen	A750		E	1
8B4604	Engine uppercarr. WG-valve 2 Spring erroneous Power reduction of Diesel engine 307004: Replace module	A750		E	1
8B4605	Engine uppercarr. WG-valve 2 Gear erroneous Power reduction of Diesel engine 307005: Replace module	A750		E	1
8B4606	Engine uppercarr. WG-valve 2 steering device error Power reduction of Diesel engine 307006: Replace module	A750		E	1
8B4607	Engine uppercarr. WG-valve 2 Absolute position sensor erroneous Power reduction of Diesel engine 307007: Replace module	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B4609	Engine uppercarr. WG-valve 2 Calibration procedure erroneous Power reduction of Diesel engine 307009: Check module: linkage, flap	A750		E	1
8B460A	Engine uppercarr. WG-valve 2 Teach in procedure erroneous (downward) Power reduction of Diesel engine 307010: Check module: linkage, flap	A750		E	1
8B460B	Engine uppercarr. WG-valve 2 Supply voltage over / undervoltage recognized Power reduction of Diesel engine 307011: Check wiring alternator (D+) to battery or to engine control unit , alternator	A750		E	1
8B460C	Engine uppercarr. WG-valve 2 Teach in procedure erroneous (upward) Power reduction of Diesel engine 307012: Check module: linkage, flap	A750		E	1
8B460D	Engine uppercarr. WG-valve 2 Reference to zero point erroneous Power reduction of Diesel engine 307013: Check module: linkage, flap	A750		E	1
8B4700	Engine uppercarr. Restrictor flap 1 excess temperature Power reduction of Diesel engine 307100: Check cooling module	A750		E	1
8B4701	Engine uppercarr. Restrictor flap 1 Permissible regulator deviation exceeded Power reduction of Diesel engine 307101: Check module: linkage, flap	A750		E	1
8B4702	Engine uppercarr. Restrictor flap 1 Data communication CAN faulty Power reduction of Diesel engine 307102: Check wiring, Module pruefen	A750		E	1
8B4703	Engine uppercarr. Restrictor flap 1 Data communication CAN interrupted Power reduction of Diesel engine 307103: Check wiring, Module pruefen	A750		E	1
8B4704	Engine uppercarr. Restrictor flap 1 Spring erroneous Power reduction of Diesel engine 307104: Replace module	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B4705	Engine uppercarr. Restrictor flap 1 Gear erroneous Power reduction of Diesel engine 307105: Replace module	A750		E	1
8B4706	Engine uppercarr. Restrictor flap 1 steering device error Power reduction of Diesel engine 307106: Replace module	A750		E	1
8B4707	Engine uppercarr. Restrictor flap 1 Absolute position sensor erroneous Power reduction of Diesel engine 307107: Replace module	A750		E	1
8B4709	Engine uppercarr. Restrictor flap 1 Calibration procedure erroneous Power reduction of Diesel engine 307109: Check module: linkage, flap	A750		E	1
8B470A	Engine uppercarr. Restrictor flap 1 Teach in procedure erroneous (downward) Power reduction of Diesel engine 307110: Check module: linkage, flap	A750		E	1
8B470B	Engine uppercarr. Restrictor flap 1 Supply voltage over / undervoltage recognized Power reduction of Diesel engine 307111: Check wiring alternator (D+) to battery or to engine control unit , alternator	A750		E	1
8B470C	Engine uppercarr. Restrictor flap 1 Teach in procedure erroneous (upward) Power reduction of Diesel engine 307112: Check module: linkage, flap	A750		E	1
8B470D	Engine uppercarr. Restrictor flap 1 Reference to zero point erroneous Power reduction of Diesel engine 307113: Check module: linkage, flap	A750		E	1
8B4800	Engine uppercarr. Restrictor flap 2 excess temperature Power reduction of Diesel engine 307200: Check cooling module	A750		E	1
8B4801	Engine uppercarr. Restrictor flap 2 Permissible regulator deviation exceeded Power reduction of Diesel engine 307201: Check module: linkage, flap	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B4802	Engine uppercarr. Restrictor flap 2 Data communication CAN faulty Power reduction of Diesel engine 307202: Check wiring, modules	A750		E	1
8B4803	Engine uppercarr. Restrictor flap 2 Data communication CAN interrupted Power reduction of Diesel engine 307203: Check wiring, Module pruefen	A750		E	1
8B4804	Engine uppercarr. Restrictor flap 2 Spring erroneous Power reduction of Diesel engine 307204: Replace module	A750		E	1
8B4805	Engine uppercarr. Restrictor flap 2 Gear erroneous Power reduction of Diesel engine 307205: Replace module	A750		E	1
8B4806	Engine uppercarr. Restrictor flap 2 steering device error Power reduction of Diesel engine 307206: Replace module	A750		E	1
8B4807	Engine uppercarr. Restrictor flap 2 Absolute position sensor erroneous Power reduction of Diesel engine 307207: Replace module	A750		E	1
8B4809	Engine uppercarr. Restrictor flap 2 Calibration procedure erroneous Power reduction of Diesel engine 307209: Check module: linkage, flap	A750		E	1
8B480A	Engine uppercarr. Restrictor flap 2 Teach in procedure erroneous (downward) Power reduction of Diesel engine 307210: Check module: linkage, flap	A750		E	1
8B480B	Engine uppercarr. Restrictor flap 2 Supply voltage over / undervoltage recognized Power reduction of Diesel engine 307211: Check wiring alternator (D+) to batter or engine control unit , alternator	A750		E	1
8B480C	Engine uppercarr. Restrictor flap 2 Teach in procedure erroneous (upward) Power reduction of Diesel engine 307212: Check module: linkage, flap	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B480D	Engine uppercarr. Restrictor flap 2 Reference to zero point erroneous Power reduction of Diesel engine 307213: Check module: linkage, flap	A750		E	1
8B4900	Engine uppercarr. Relay outlet, sensors, actuators Line interruption or short circuit after ground  307300: Check wiring and control units	A750		E	1
8B4901	Engine uppercarr. Relay outlet, sensors, actuators Line interruption or short circuit after supply voltage  307301: Check wiring and control units	A750		E	1
8B4905	Engine uppercarr. Relay outlet, sensors, actuators Current too high in turned off status  307305: Check wiring and control units	A750		E	1
8B4906	Engine uppercarr. Relay outlet, sensors, actuators Current too low in turned off status  307306: Check wiring and control units	A750		E	1
8B4907	Engine uppercarr. Relay outlet, sensors, actuators Current too high in actuated status  307307: Check wiring and control units	A750		E	1
8B4A00	Engine uppercarr. Error machine Emerg. stop actuated, line interruption or short circuit after ground Engine stop 307400: Emerg. stop actuated, check wiring and emerg. stop button	A750		E	1
8B4B00	Engine uppercarr. Travel pedal Short circuit after ground or broken wire Remains at low idle when both travel pedal sensors failed 307500: Check wiring engine control unit/travel pedal sensor 1 (broken wire or short circuit after ground)	A750		E	1
8B4B01	Engine uppercarr. Travel pedal Sensor signal short circuit after supply voltage Remains at low idle when both travel pedal sensors failed 307501: Check wiring engine control unit/travel pedal sensor 1 (short circuit after batt. volt.)	A750		E	1
8B4B02	Engine uppercarr. Travel pedal Sensor supply voltage short circuit after ground or broken wire Remains at low idle when both travel pedal sensors failed 307502: Check wiring engine control unit/travel pedal sensor 1 (short circuit after ground)	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B4B03	Engine uppercarr. Travel pedal Sensor supply voltage short circuit after supply voltage Remains at low idle when both travel pedal sensors failed 307503: Check wiring engine control unit/travel pedal sensor 1 (short circuit after batt. volt.)	A750		E	1
8B4B04	Engine uppercarr. Travel pedal Sensor signal outside permissible range 1 Remains at low idle when both travel pedal sensors failed 307504: Check operational status of engine	A750		E	1
8B4B05	Engine uppercarr. Travel pedal Sensor signal outside permissible range 2 Remains at low idle when both travel pedal sensors failed 307505: Check operational status of engine	A750		E	1
8B4B06	Engine uppercarr. Travel pedal Plausibility error at engine off no reaction 307506: Check wiring engine control unit/sensor	A750		E	1
8B4C00	Engine uppercarr. accelerator 2 Short circuit after ground or broken wire Remains at low idle when both travel pedal sensors failed 307600: Check wiring engine control unit/travel pedal sensor 2 (broken wire or short circuit after ground)	A750		E	1
8B4C01	Engine uppercarr. accelerator 2 Sensor signal short circuit after supply voltage Remains at low idle when both travel pedal sensors failed 307601: Check wiring engine control unit/travel pedal sensor 2 (short circuit after batt. volt.)	A750		E	1
8B4C02	Engine uppercarr. accelerator 2 Sensor supply voltage short circuit after ground or broken wire Remains at low idle when both travel pedal sensors failed 307602: Check wiring engine control unit/travel pedal sensor 2 (short circuit after ground)	A750		E	1
8B4C03	Engine uppercarr. accelerator 2 Sensor supply voltage short circuit after supply voltage Remains at low idle when both travel pedal sensors failed 307603: Check wiring engine control unit/travel pedal sensor 2 (short circuit after batt. volt.)	A750		E	1
8B4C04	Engine uppercarr. accelerator 2 Sensor signal outside permissible range 1 Remains at low idle when both travel pedal sensors failed 307604: Check operational status of engine	A750		E	1
8B4C05	Engine uppercarr. accelerator 2 Sensor signal outside permissible range 2 Remains at low idle when both travel pedal sensors failed 307605: Check operational status of engine	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B4C06	Engine uppercarr. accelerator 2 Plausibility error at engine off no reaction 307606: Check wiring engine control unit/sensor	A750		E	1
8B4D00	Engine uppercarr. Fill level sensor Urea tank Short circuit after ground or broken wire Benutzung des Ersatzwertes. 307700: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B4D01	Engine uppercarr. Fill level sensor Urea tank Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 307701: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B4D02	Engine uppercarr. Fill level sensor Urea tank Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 307702: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B4D03	Engine uppercarr. Fill level sensor Urea tank Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 307703: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B4D04	Engine uppercarr. Fill level sensor Urea tank Sensor signal outside permissible range 1 no reaction 307704: Ureastand	A750		E	1
8B4D05	Engine uppercarr. Fill level sensor Urea tank Sensor signal outside permissible range 2 no reaction 307705: Ureastand	A750		E	1
8B4D06	Engine uppercarr. Fill level sensor Urea tank Plausibility error at engine off no reaction 307706: Check wiring engine control unit/sensor	A750		E	1
8B4E00	Engine uppercarr. Fill level sensor engine oil Short circuit after ground or broken wire Benutzung des Ersatzwertes. 307800: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B4E01	Engine uppercarr. Fill level sensor engine oil Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 307801: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B4E02	Engine uppercarr. Fill level sensor engine oil Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 307802: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B4E03	Engine uppercarr. Fill level sensor engine oil Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 307803: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B4E04	Engine uppercarr. Fill level sensor engine oil Sensor signal outside permissible range 1 no reaction 307804: Oil level, oil level sensor	A750		E	1
8B4E05	Engine uppercarr. Fill level sensor engine oil Sensor signal outside permissible range 2 no reaction 307805: Oil level, oil level sensor	A750		E	1
8B4E06	Engine uppercarr. Fill level sensor engine oil Plausibility error at engine off no reaction 307806: Check wiring engine control unit/sensor	A750		E	1
8B4F00	Engine uppercarr. AGR Position sensor 1 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 307900: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B4F01	Engine uppercarr. AGR Position sensor 1 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 307901: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B4F02	Engine uppercarr. AGR Position sensor 1 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 307902: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B4F03	Engine uppercarr. AGR Position sensor 1 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 307903: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B4F04	Engine uppercarr. AGR Position sensor 1 Sensor signal outside permissible range 1 no reaction 307904: AGR 1 Position sensor	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B4F05	Engine uppercarr. AGR Position sensor 1 Sensor signal outside permissible range 2 no reaction 307905: AGR 1 Position sensor	A750		E	1
8B4F06	Engine uppercarr. AGR Position sensor 1 Plausibility error at engine off no reaction 307906: Check wiring engine control unit/sensor	A750		E	1
8B5000	Engine uppercarr. AGR Position sensor 2 Short circuit after ground or broken wire Use replacement value. Output red. in case of failure of both Commonrail pr. sensor, otherwise no reaction 308000: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B5001	Engine uppercarr. AGR Position sensor 2 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 308001: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B5002	Engine uppercarr. AGR Position sensor 2 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 308002: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B5003	Engine uppercarr. AGR Position sensor 2 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 308003: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B5004	Engine uppercarr. AGR Position sensor 2 Sensor signal outside permissible range 1 no reaction 308004: AGR 2 Position sensor	A750		E	1
8B5005	Engine uppercarr. AGR Position sensor 2 Sensor signal outside permissible range 2 no reaction 308005: AGR 2 Position sensor	A750		E	1
8B5006	Engine uppercarr. AGR Position sensor 2 Plausibility error at engine off no reaction 308006: Check wiring engine control unit/sensor	A750		E	1
8B5200	Engine uppercarr. Charge air pr. sensor Short circuit after ground or broken wire Benutzung des Ersatzwertes. 308200: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B5201	Engine uppercarr. Charge air pr. sensor Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 308201: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B5202	Engine uppercarr. Charge air pr. sensor Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 308202: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B5203	Engine uppercarr. Charge air pr. sensor Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 308203: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B5204	Engine uppercarr. Charge air pr. sensor Sensor signal outside permissible range 1 no reaction 308204: Check operational status of engine	A750		E	1
8B5205	Engine uppercarr. Charge air pr. sensor Sensor signal outside permissible range 2 no reaction 308205: Check operational status of engine	A750		E	1
8B5206	Engine uppercarr. Charge air pr. sensor Plausibility error at engine off no reaction 308206: Check wiring engine control unit/sensor	A750		E	1
8B5207	Engine uppercarr. Charge air pr. sensor Value implausible Warning light on, replace sensor 308207: Check wiring engine control unit/sensor	A750		E	1
8B5300	Engine uppercarr. Oil pressure sensor Short circuit after ground or broken wire Benutzung des Ersatzwertes. 308300: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B5301	Engine uppercarr. Oil pressure sensor Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 308301: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B5302	Engine uppercarr. Oil pressure sensor Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 308302: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B5303	Engine uppercarr. Oil pressure sensor Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 308303: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B5304	Engine uppercarr. Oil pressure sensor Sensor signal outside permissible range 1 no reaction 308304: Check operational status of engine	A750		E	1
8B5305	Engine uppercarr. Oil pressure sensor Sensor signal outside permissible range 2 no reaction 308305: Check operational status of engine	A750		E	1
8B5306	Engine uppercarr. Oil pressure sensor Plausibility error at engine off no reaction 308306: Check wiring engine control unit/sensor	A750		E	1
8B5400	Engine uppercarr. Fuel pressure sensor Short circuit after ground or broken wire Benutzung des Ersatzwertes. 308400: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B5401	Engine uppercarr. Fuel pressure sensor Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 308401: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B5402	Engine uppercarr. Fuel pressure sensor Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 308402: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B5403	Engine uppercarr. Fuel pressure sensor Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 308403: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B5404	Engine uppercarr. Fuel pressure sensor Sensor signal outside permissible range 1 no reaction 308404: Check operational status of engine	A750		E	1
8B5405	Engine uppercarr. Fuel pressure sensor Sensor signal outside permissible range 2 no reaction 308405: Check operational status of engine	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B5406	Engine uppercarr. Fuel pressure sensor Plausibility error at engine off no reaction 308406: Check wiring engine control unit/sensor	A750		E	1
8B5500	Engine uppercarr. Fuel pr. sensor 2 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 308500: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B5501	Engine uppercarr. Fuel pr. sensor 2 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 308501: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B5502	Engine uppercarr. Fuel pr. sensor 2 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 308502: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B5503	Engine uppercarr. Fuel pr. sensor 2 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 308503: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B5504	Engine uppercarr. Fuel pr. sensor 2 Sensor signal outside permissible range 1 no reaction 308504: Check operational status of engine	A750		E	1
8B5505	Engine uppercarr. Fuel pr. sensor 2 Sensor signal outside permissible range 2 no reaction 308505: Check operational status of engine	A750		E	1
8B5506	Engine uppercarr. Fuel pr. sensor 2 Plausibility error at engine off no reaction 308506: Check wiring engine control unit/sensor	A750		E	1
8B5600	Engine uppercarr. Air filter vacuum pr. sensor Short circuit after ground or broken wire Benutzung des Ersatzwertes. 308600: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B5601	Engine uppercarr. Air filter vacuum pr. sensor Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 308601: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B5602	Engine uppercarr. Air filter vacuum pr. sensor Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 308602: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B5603	Engine uppercarr. Air filter vacuum pr. sensor Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 308603: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B5604	Engine uppercarr. Air filter vacuum pr. sensor Sensor signal outside permissible range 1 no reaction 308604: Air filter 1, air pr. sensor 1	A750		E	1
8B5605	Engine uppercarr. Air filter vacuum pr. sensor Sensor signal outside permissible range 2 no reaction 308605: Air filter 1, air pr. sensor 1	A750		E	1
8B5606	Engine uppercarr. Air filter vacuum pr. sensor Plausibility error at engine off no reaction 308606: Check wiring engine control unit/sensor	A750		E	1
8B5700	Engine uppercarr. Air filter vacuum pr. sensor 2 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 308700: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B5701	Engine uppercarr. Air filter vacuum pr. sensor 2 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 308701: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B5702	Engine uppercarr. Air filter vacuum pr. sensor 2 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 308702: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B5703	Engine uppercarr. Air filter vacuum pr. sensor 2 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 308703: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B5704	Engine uppercarr. Air filter vacuum pr. sensor 2 Sensor signal outside permissible range 1 no reaction 308704: Air filter 2, air pr. sensor 2	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B5705	Engine uppercarr. Air filter vacuum pr. sensor 2 Sensor signal outside permissible range 2 no reaction 308705: Air filter 2, air pr. sensor 2	A750		E	1
8B5706	Engine uppercarr. Air filter vacuum pr. sensor 2 Plausibility error at engine off no reaction 308706: Check wiring engine control unit/sensor	A750		E	1
8B5800	Engine uppercarr. Rail pr. sensor 1 Short circuit after ground or broken wire Performance reduction at failure of both common rail pressure sensors, otherwise no reaction 308800: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	2
8B5801	Engine uppercarr. Rail pr. sensor 1 Sensor signal short circuit after supply voltage Performance reduction at failure of both common rail pressure sensors, otherwise no reaction 308801: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	2
8B5802	Engine uppercarr. Rail pr. sensor 1 Sensor supply voltage short circuit after ground or broken wire Performance reduction at failure of both common rail pressure sensors, otherwise no reaction 308802: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	2
8B5803	Engine uppercarr. Rail pr. sensor 1 Sensor supply voltage short circuit after supply voltage Performance reduction at failure of both common rail pressure sensors, otherwise no reaction 308803: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	2
8B5804	Engine uppercarr. Rail pr. sensor 1 Sensor signal outside permissible range 1 no reaction 308804: Check operational status of engine	A750		E	2
8B5805	Engine uppercarr. Rail pr. sensor 1 Sensor signal outside permissible range 2 Engine standstill after delay 308805: Check operational status of engine	A750		E	2
8B5806	Engine uppercarr. Rail pr. sensor 1 Plausibility error at engine off no reaction 308806: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	0
8B5807	Engine uppercarr. Rail pr. sensor 1 Value implausible High pressure regulation emergency operation activated 308807: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B5808	Engine uppercarr. Rail pr. sensor 1 Pressure run implausible (Gradient) High pressure regulation emergency operation activated 308808: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	2
8B5809	Engine uppercarr. Rail pr. sensor 1 Pressure value implausible to constant no reaction 308809: Nitrogen circuit, Rail sensors, pr. relief valve 1, high pr. pump 1, Cable conn. engine control unit	A750		E	1
8B5900	Engine uppercarr. Rail pr. sensor 2 Short circuit after ground or broken wire Performance reduction at failure of both common rail pressure sensors, otherwise no reaction 308900: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	2
8B5901	Engine uppercarr. Rail pr. sensor 2 Sensor signal short circuit after supply voltage Performance reduction at failure of both common rail pressure sensors, otherwise no reaction 308901: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	2
8B5902	Engine uppercarr. Rail pr. sensor 2 Sensor supply voltage short circuit after ground or broken wire Performance reduction at failure of both common rail pressure sensors, otherwise no reaction 308902: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	2
8B5903	Engine uppercarr. Rail pr. sensor 2 Sensor supply voltage short circuit after supply voltage Performance reduction at failure of both common rail pressure sensors, otherwise no reaction 308903: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	2
8B5904	Engine uppercarr. Rail pr. sensor 2 Sensor signal outside permissible range 1 Performance reduction at failure of both common rail pressure sensors, otherwise no reaction 308904: Check operational status of engine	A750		E	2
8B5905	Engine uppercarr. Rail pr. sensor 2 Sensor signal outside permissible range 2 Performance reduction at failure of both common rail pressure sensors, otherwise no reaction 308905: Check operational status of engine	A750		E	2
8B5906	Engine uppercarr. Rail pr. sensor 2 Plausibility error at engine off no reaction 308906: Check wiring engine control unit/sensor	A750		E	0
8B5907	Engine uppercarr. Rail pr. sensor 2 Value implausible High pressure regulation emergency operation activated 308907: Check wiring harness, plug, rail pr. sensors, check rail circuit 1/2	A750		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B5908	Engine uppercarr. Rail pr. sensor 2 Pressure run implausible (Gradient) High pressure regulation emergency operation activated 308908: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	2
8B5909	Engine uppercarr. Rail pr. sensor 2 Pressure value implausible to constant no reaction 308909: Nitrogen circuit, Rail sensor 2, pr. relief valve 2, high pr. pump 2, Cable conn. engine control unit	A750		E	1
8B5A00	Engine uppercarr. Atmospheric pressure sensor Short circuit after ground or broken wire Benutzung des Ersatzwertes. 309000: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B5A01	Engine uppercarr. Atmospheric pressure sensor Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 309001: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B5A02	Engine uppercarr. Atmospheric pressure sensor Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 309002: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B5A03	Engine uppercarr. Atmospheric pressure sensor Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 309003: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B5A04	Engine uppercarr. Atmospheric pressure sensor Sensor signal outside permissible range 1 no reaction 309004: Check operational status of engine	A750		E	1
8B5A05	Engine uppercarr. Atmospheric pressure sensor Sensor signal outside permissible range 2 no reaction 309005: Check operational status of engine	A750		E	1
8B5A06	Engine uppercarr. Atmospheric pressure sensor Plausibility error at engine off no reaction 309006: Check wiring engine control unit/sensor	A750		E	1
8B5A07	Engine uppercarr. Atmospheric pressure sensor Value implausible Warning light on, replace sensor 309007: Replace ECU	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B5C00	Engine uppercarr. Exhaust pr. difference sensor Short circuit after ground or broken wire Benutzung des Ersatzwertes. 309200: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B5C01	Engine uppercarr. Exhaust pr. difference sensor Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 309201: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B5C02	Engine uppercarr. Exhaust pr. difference sensor Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 309202: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B5C03	Engine uppercarr. Exhaust pr. difference sensor Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 309203: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B5C04	Engine uppercarr. Exhaust pr. difference sensor Sensor signal outside permissible range 1 no reaction 309204: Check operational status of engine	A750		E	1
8B5C05	Engine uppercarr. Exhaust pr. difference sensor Sensor signal outside permissible range 2 no reaction 309205: Check operational status of engine	A750		E	1
8B5C06	Engine uppercarr. Exhaust pr. difference sensor Plausibility error at engine off no reaction 309206: Check wiring engine control unit/sensor	A750		E	1
8B5C07	Engine uppercarr. Exhaust pr. difference sensor Value implausible Warning light on 309207: Replace sensor	A750		E	1
8B5D00	Engine uppercarr. Battery voltage measuring Short circuit after ground or broken wire Benutzung des Ersatzwertes. 309300: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B5D01	Engine uppercarr. Battery voltage measuring Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 309301: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B5D02	Engine uppercarr. Battery voltage measuring Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 309302: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B5D03	Engine uppercarr. Battery voltage measuring Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 309303: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B5D04	Engine uppercarr. Battery voltage measuring Sensor signal outside permissible range 1 no reaction 309304: Check operational status of engine	A750		E	1
8B5D05	Engine uppercarr. Battery voltage measuring Sensor signal outside permissible range 2 no reaction 309305: Check operational status of engine	A750		E	1
8B5D06	Engine uppercarr. Battery voltage measuring Plausibility error at engine off no reaction 309306: Check wiring engine control unit/sensor	A750		E	1
8B5E00	Engine uppercarr. Pressure sensor InterChargerUp 1 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 309400: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B5E01	Engine uppercarr. Pressure sensor InterChargerUp 1 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 309401: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B5E02	Engine uppercarr. Pressure sensor InterChargerUp 1 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 309402: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B5E03	Engine uppercarr. Pressure sensor InterChargerUp 1 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 309403: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B5E04	Engine uppercarr. Pressure sensor InterChargerUp 1 Sensor signal outside permissible range 1 no reaction 309404: Check operational status of engine	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B5E05	Engine uppercarr. Pressure sensor InterChargerUp 1 Sensor signal outside permissible range 2 no reaction 309405: Check operational status of engine	A750		E	1
8B5E06	Engine uppercarr. Pressure sensor InterChargerUp 1 Plausibility error at engine off no reaction 309406: Check wiring engine control unit/sensor	A750		E	1
8B5E07	Engine uppercarr. Pressure sensor InterChargerUp 1 Value implausible Warning light on, replace sensor 309407: Check wiring engine control unit/sensor	A750		E	1
8B5F00	Engine uppercarr. Pressure sensor InterChargerDown 1 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 309500: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B5F01	Engine uppercarr. Pressure sensor InterChargerDown 1 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 309501: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B5F02	Engine uppercarr. Pressure sensor InterChargerDown 1 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 309502: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B5F03	Engine uppercarr. Pressure sensor InterChargerDown 1 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 309503: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B5F04	Engine uppercarr. Pressure sensor InterChargerDown 1 Sensor signal outside permissible range 1 no reaction 309504: Check operational status of engine	A750		E	1
8B5F05	Engine uppercarr. Pressure sensor InterChargerDown 1 Sensor signal outside permissible range 2 no reaction 309505: Check operational status of engine	A750		E	1
8B5F06	Engine uppercarr. Pressure sensor InterChargerDown 1 Plausibility error at engine off no reaction 309506: Check wiring engine control unit/sensor	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B5F07	Engine uppercarr. Pressure sensor InterChargerDown 1 Value implausible Warning light on, replace sensor 309507: Check wiring engine control unit/sensor	A750		E	1
8B6000	Engine uppercarr. Pressure sensor InterChargerUp 2 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 309600: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B6001	Engine uppercarr. Pressure sensor InterChargerUp 2 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 309601: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B6002	Engine uppercarr. Pressure sensor InterChargerUp 2 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 309602: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B6003	Engine uppercarr. Pressure sensor InterChargerUp 2 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 309603: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B6004	Engine uppercarr. Pressure sensor InterChargerUp 2 Sensor signal outside permissible range 1 no reaction 309604: Check operational status of engine	A750		E	1
8B6005	Engine uppercarr. Pressure sensor InterChargerUp 2 Sensor signal outside permissible range 2 no reaction 309605: Check operational status of engine	A750		E	1
8B6006	Engine uppercarr. Pressure sensor InterChargerUp 2 Plausibility error at engine off no reaction 309606: Check wiring engine control unit/sensor	A750		E	1
8B6100	Engine uppercarr. Pressure sensor InterChargerDown 2 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 309700: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B6101	Engine uppercarr. Pressure sensor InterChargerDown 2 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 309701: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B6102	Engine uppercarr. Pressure sensor InterChargerDown 2 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 309702: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B6103	Engine uppercarr. Pressure sensor InterChargerDown 2 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 309703: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B6104	Engine uppercarr. Pressure sensor InterChargerDown 2 Sensor signal outside permissible range 1 no reaction 309704: Check operational status of engine	A750		E	1
8B6105	Engine uppercarr. Pressure sensor InterChargerDown 2 Sensor signal outside permissible range 2 no reaction 309705: Check operational status of engine	A750		E	1
8B6106	Engine uppercarr. Pressure sensor InterChargerDown 2 Plausibility error at engine off no reaction 309706: Check wiring engine control unit/sensor	A750		E	1
8B6107	Engine uppercarr. Pressure sensor InterChargerDown 2 Value implausible  309707:	A750		E	1
8B6200	Engine uppercarr. Pressure sensor InterCoolerUp 1 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 309800: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B6201	Engine uppercarr. Pressure sensor InterCoolerUp 1 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 309801: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B6202	Engine uppercarr. Pressure sensor InterCoolerUp 1 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 309802: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B6203	Engine uppercarr. Pressure sensor InterCoolerUp 1 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 309803: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B6204	Engine uppercarr. Pressure sensor InterCoolerUp 1 Sensor signal outside permissible range 1 no reaction 309804: Check operational status of engine	A750		E	1
8B6205	Engine uppercarr. Pressure sensor InterCoolerUp 1 Sensor signal outside permissible range 2 no reaction 309805: Check operational status of engine	A750		E	1
8B6206	Engine uppercarr. Pressure sensor InterCoolerUp 1 Plausibility error at engine off no reaction 309806: Check wiring engine control unit/sensor	A750		E	1
8B6207	Engine uppercarr. Pressure sensor InterCoolerUp 1 Value implausible Warning light on, replace sensor 309807: Check wiring engine control unit/sensor	A750		E	1
8B6900	Engine uppercarr. Exhaust temperature sensor 1 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 310500: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B6901	Engine uppercarr. Exhaust temperature sensor 1 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 310501: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B6902	Engine uppercarr. Exhaust temperature sensor 1 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 310502: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B6903	Engine uppercarr. Exhaust temperature sensor 1 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 310503: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B6904	Engine uppercarr. Exhaust temperature sensor 1 Sensor signal outside permissible range 1 no reaction 310504: Check operational status of engine	A750		E	1
8B6905	Engine uppercarr. Exhaust temperature sensor 1 Sensor signal outside permissible range 2 no reaction 310505: Check operational status of engine	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B6906	Engine uppercarr. Exhaust temperature sensor 1 Plausibility error at engine off no reaction 310506: Check wiring engine control unit/sensor	A750		E	1
8B6A00	Engine uppercarr. Exhaust temperature sensor 2 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 310600: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B6A01	Engine uppercarr. Exhaust temperature sensor 2 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 310601: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B6A02	Engine uppercarr. Exhaust temperature sensor 2 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 310602: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B6A03	Engine uppercarr. Exhaust temperature sensor 2 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 310603: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B6A04	Engine uppercarr. Exhaust temperature sensor 2 Sensor signal outside permissible range 1 no reaction 310604: Check operational status of engine	A750		E	1
8B6A05	Engine uppercarr. Exhaust temperature sensor 2 Sensor signal outside permissible range 2 no reaction 310605: Check operational status of engine	A750		E	1
8B6A06	Engine uppercarr. Exhaust temperature sensor 2 Plausibility error at engine off no reaction 310606: Check wiring engine control unit/sensor	A750		E	1
8B6B00	Engine uppercarr. Temperature sensor DOCUp 1 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 310700: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B6B01	Engine uppercarr. Temperature sensor DOCUp 1 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 310701: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B6B02	Engine uppercarr. Temperature sensor DOCUp 1 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 310702: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B6B03	Engine uppercarr. Temperature sensor DOCUp 1 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 310703: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B6B04	Engine uppercarr. Temperature sensor DOCUp 1 Sensor signal outside permissible range 1 no reaction 310704: Check operational status of engine	A750		E	1
8B6B05	Engine uppercarr. Temperature sensor DOCUp 1 Sensor signal outside permissible range 2 no reaction 310705: Check operational status of engine	A750		E	1
8B6B06	Engine uppercarr. Temperature sensor DOCUp 1 Plausibility error at engine off no reaction 310706: Check wiring engine control unit/sensor	A750		E	1
8B6B07	Engine uppercarr. Temperature sensor DOCUp 1 Value implausible Warning light on 310707: Check wiring engine control unit/sensor	A750		E	1
8B6B0A	Engine uppercarr. Temperature sensor DOCUp 1 Pressure value at engine start too low Warning light on 310710: Check wiring engine control unit/sensor	A750		E	1
8B6C00	Engine uppercarr. Temperature sensor DPFUp 1 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 310800: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B6C01	Engine uppercarr. Temperature sensor DPFUp 1 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 310801: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B6C02	Engine uppercarr. Temperature sensor DPFUp 1 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 310802: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B6C03	Engine uppercarr. Temperature sensor DPFU 1 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 310803: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B6C04	Engine uppercarr. Temperature sensor DPFU 1 Sensor signal outside permissible range 1 no reaction 310804: Check operational status of engine	A750		E	1
8B6C05	Engine uppercarr. Temperature sensor DPFU 1 Sensor signal outside permissible range 2 no reaction 310805: Check operational status of engine	A750		E	1
8B6C06	Engine uppercarr. Temperature sensor DPFU 1 Plausibility error at engine off no reaction 310806: Check wiring engine control unit/sensor	A750		E	1
8B6C07	Engine uppercarr. Temperature sensor DPFU 1 Value implausible Warning light on 310807: Replace sensor	A750		E	1
8B6C0A	Engine uppercarr. Temperature sensor DPFU 1 Pressure value at engine start too low Warning light on 310810: Check wiring engine control unit/sensor	A750		E	1
8B6D00	Engine uppercarr. Temperature sensor DPFD 1 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 310900: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B6D01	Engine uppercarr. Temperature sensor DPFD 1 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 310901: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B6D02	Engine uppercarr. Temperature sensor DPFD 1 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 310902: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B6D03	Engine uppercarr. Temperature sensor DPFD 1 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 310903: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B6D04	Engine uppercarr. Temperature sensor DPFDow 1 Sensor signal outside permissible range 1 no reaction 310904: Check operational status of engine	A750		E	1
8B6D05	Engine uppercarr. Temperature sensor DPFDow 1 Sensor signal outside permissible range 2 no reaction 310905: Check operational status of engine	A750		E	1
8B6D06	Engine uppercarr. Temperature sensor DPFDow 1 Plausibility error at engine off no reaction 310906: Check wiring engine control unit/sensor	A750		E	1
8B6D07	Engine uppercarr. Temperature sensor DPFDow 1 Value implausible Warning light on 310907: Replace sensor	A750		E	1
8B6D0A	Engine uppercarr. Temperature sensor DPFDow 1 Pressure value at engine start too low Warning light on 310910: Check wiring engine control unit/sensor	A750		E	1
8B6E00	Engine uppercarr. Temperature sensor charge air cooler Short circuit after ground or broken wire Benutzung des Ersatzwertes. 311000: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B6E01	Engine uppercarr. Temperature sensor charge air cooler Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 311001: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B6E02	Engine uppercarr. Temperature sensor charge air cooler Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 311002: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B6E03	Engine uppercarr. Temperature sensor charge air cooler Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 311003: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B6E04	Engine uppercarr. Temperature sensor charge air cooler Sensor signal outside permissible range 1 no reaction 311004: Check operational status of engine	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B6E05	Engine uppercarr. Temperature sensor charge air cooler Sensor signal outside permissible range 2 no reaction 311005: Check operational status of engine	A750		E	1
8B6E06	Engine uppercarr. Temperature sensor charge air cooler Plausibility error at engine off no reaction 311006: Check wiring engine control unit/sensor	A750		E	1
8B6E07	Engine uppercarr. Temperature sensor charge air cooler Value implausible Warning light on, replace sensor 311007: Check wiring engine control unit-Sensor check charge air cooler	A750		E	1
8B6F00	Engine uppercarr. Hydraulic oil temperature sensor Short circuit after ground or broken wire Benutzung des Ersatzwertes. 311100: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B6F01	Engine uppercarr. Hydraulic oil temperature sensor Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 311101: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B6F02	Engine uppercarr. Hydraulic oil temperature sensor Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 311102: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B6F03	Engine uppercarr. Hydraulic oil temperature sensor Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 311103: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B6F04	Engine uppercarr. Hydraulic oil temperature sensor Sensor signal outside permissible range 1 no reaction 311104: Check operational status of engine	A750		E	1
8B6F05	Engine uppercarr. Hydraulic oil temperature sensor Sensor signal outside permissible range 2 no reaction 311105: Check operational status of engine	A750		E	1
8B6F06	Engine uppercarr. Hydraulic oil temperature sensor Plausibility error at engine off no reaction 311106: Check wiring engine control unit/sensor	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B7000	Engine uppercarr. Fuel temperature sensor Short circuit after ground or broken wire Benutzung des Ersatzwertes. 311200: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B7001	Engine uppercarr. Fuel temperature sensor Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 311201: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7002	Engine uppercarr. Fuel temperature sensor Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 311202: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B7003	Engine uppercarr. Fuel temperature sensor Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 311203: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7004	Engine uppercarr. Fuel temperature sensor Sensor signal outside permissible range 1 no reaction 311204: Check operational status of engine	A750		E	1
8B7005	Engine uppercarr. Fuel temperature sensor Sensor signal outside permissible range 2 no reaction 311205: Check operational status of engine	A750		E	1
8B7006	Engine uppercarr. Fuel temperature sensor Plausibility error at engine off no reaction 311206: Check wiring engine control unit/sensor	A750		E	1
8B7100	Engine uppercarr. Charge air temperature sensor Short circuit after ground or broken wire Benutzung des Ersatzwertes. 311300: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B7101	Engine uppercarr. Charge air temperature sensor Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 311301: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7102	Engine uppercarr. Charge air temperature sensor Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 311302: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B7103	Engine uppercarr. Charge air temperature sensor Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 311303: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7104	Engine uppercarr. Charge air temperature sensor Sensor signal outside permissible range 1 no reaction 311304: Check operational status of engine	A750		E	1
8B7105	Engine uppercarr. Charge air temperature sensor Sensor signal outside permissible range 2 no reaction 311305: Check operational status of engine	A750		E	1
8B7106	Engine uppercarr. Charge air temperature sensor Plausibility error at engine off no reaction 311306: Check wiring engine control unit/sensor	A750		E	1
8B7107	Engine uppercarr. Charge air temperature sensor Value implausible Warning light on 311307: Replace sensor	A750		E	1
8B7200	Engine uppercarr. Coolant temperature sensor Short circuit after ground or broken wire Benutzung des Ersatzwertes. 311400: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B7201	Engine uppercarr. Coolant temperature sensor Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 311401: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7202	Engine uppercarr. Coolant temperature sensor Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 311402: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B7203	Engine uppercarr. Coolant temperature sensor Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 311403: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7204	Engine uppercarr. Coolant temperature sensor Sensor signal outside permissible range 1 no reaction 311404: Check operational status of engine	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B7205	Engine uppercarr. Coolant temperature sensor Sensor signal outside permissible range 2 no reaction 311405: Check operational status of engine	A750		E	1
8B7206	Engine uppercarr. Coolant temperature sensor Plausibility error at engine off no reaction 311406: Check wiring engine control unit/sensor	A750		E	1
8B7207	Engine uppercarr. Coolant temperature sensor Value implausible Warning light on 311407: Replace sensor	A750		E	1
8B7300	Engine uppercarr. Atmospheric temperature sensor Short circuit after ground or broken wire Benutzung des Ersatzwertes. 311500: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B7301	Engine uppercarr. Atmospheric temperature sensor Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 311501: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7302	Engine uppercarr. Atmospheric temperature sensor Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 311502: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B7303	Engine uppercarr. Atmospheric temperature sensor Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 311503: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7304	Engine uppercarr. Atmospheric temperature sensor Sensor signal outside permissible range 1 no reaction 311504: Check operational status of engine	A750		E	1
8B7305	Engine uppercarr. Atmospheric temperature sensor Sensor signal outside permissible range 2 no reaction 311505: Check operational status of engine	A750		E	1
8B7306	Engine uppercarr. Atmospheric temperature sensor Plausibility error at engine off no reaction 311506: Check wiring engine control unit/sensor	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B7400	Engine uppercarr. Battery temperature sensor Short circuit after ground or broken wire Benutzung des Ersatzwertes. 311600: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B7401	Engine uppercarr. Battery temperature sensor Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 311601: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7402	Engine uppercarr. Battery temperature sensor Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 311602: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B7403	Engine uppercarr. Battery temperature sensor Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 311603: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7404	Engine uppercarr. Battery temperature sensor Sensor signal outside permissible range 1 no reaction 311604: Check operational status of engine	A750		E	1
8B7405	Engine uppercarr. Battery temperature sensor Sensor signal outside permissible range 2 no reaction 311605: Check operational status of engine	A750		E	1
8B7406	Engine uppercarr. Battery temperature sensor Plausibility error at engine off no reaction 311606: Check wiring engine control unit/sensor	A750		E	1
8B7500	Engine uppercarr. Temperature sensor TransfCasePump Short circuit after ground or broken wire Benutzung des Ersatzwertes. 311700: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B7501	Engine uppercarr. Temperature sensor TransfCasePump Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 311701: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7502	Engine uppercarr. Temperature sensor TransfCasePump Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 311702: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B7503	Engine uppercarr. Temperature sensor TransfCasePump Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 311703: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7504	Engine uppercarr. Temperature sensor TransfCasePump Sensor signal outside permissible range 1 no reaction 311704: Check operational status of engine	A750		E	1
8B7505	Engine uppercarr. Temperature sensor TransfCasePump Sensor signal outside permissible range 2 no reaction 311705: Check operational status of engine	A750		E	1
8B7506	Engine uppercarr. Temperature sensor TransfCasePump Plausibility error at engine off no reaction 311706: Check wiring engine control unit/sensor	A750		E	1
8B7600	Engine uppercarr. Temperature sensor SCRUp 1 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 311800: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B7601	Engine uppercarr. Temperature sensor SCRUp 1 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 311801: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7602	Engine uppercarr. Temperature sensor SCRUp 1 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 311802: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B7603	Engine uppercarr. Temperature sensor SCRUp 1 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 311803: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7604	Engine uppercarr. Temperature sensor SCRUp 1 Sensor signal outside permissible range 1 no reaction 311804: Check operational status of engine	A750		E	1
8B7605	Engine uppercarr. Temperature sensor SCRUp 1 Sensor signal outside permissible range 2 no reaction 311805: Check operational status of engine	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B7606	Engine uppercarr. Temperature sensor SCRUp 1 Plausibility error at engine off no reaction 311806: Check wiring engine control unit/sensor	A750		E	1
8B7700	Engine uppercarr. Temperature sensor SCRDown 1 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 311900: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B7701	Engine uppercarr. Temperature sensor SCRDown 1 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 311901: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7702	Engine uppercarr. Temperature sensor SCRDown 1 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 311902: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B7703	Engine uppercarr. Temperature sensor SCRDown 1 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 311903: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7704	Engine uppercarr. Temperature sensor SCRDown 1 Sensor signal outside permissible range 1 no reaction 311904: Check operational status of engine	A750		E	1
8B7705	Engine uppercarr. Temperature sensor SCRDown 1 Sensor signal outside permissible range 2 no reaction 311905: Check operational status of engine	A750		E	1
8B7706	Engine uppercarr. Temperature sensor SCRDown 1 Plausibility error at engine off no reaction 311906: Check wiring engine control unit/sensor	A750		E	1
8B7800	Engine uppercarr. oil temperature sensor Short circuit after ground or broken wire Benutzung des Ersatzwertes. 312000: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B7801	Engine uppercarr. oil temperature sensor Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 312001: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B7802	Engine uppercarr. oil temperature sensor Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 312002: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B7803	Engine uppercarr. oil temperature sensor Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 312003: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7804	Engine uppercarr. oil temperature sensor Sensor signal outside permissible range 1 no reaction 312004: Check operational status of engine	A750		E	1
8B7805	Engine uppercarr. oil temperature sensor Sensor signal outside permissible range 2 no reaction 312005: Check operational status of engine	A750		E	1
8B7806	Engine uppercarr. oil temperature sensor Plausibility error at engine off no reaction 312006: Check wiring engine control unit/sensor	A750		E	1
8B7900	Engine uppercarr. Temperature sensor InterChargerUp 1 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 312100: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B7901	Engine uppercarr. Temperature sensor InterChargerUp 1 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 312101: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7902	Engine uppercarr. Temperature sensor InterChargerUp 1 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 312102: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B7903	Engine uppercarr. Temperature sensor InterChargerUp 1 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 312103: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7904	Engine uppercarr. Temperature sensor InterChargerUp 1 Sensor signal outside permissible range 1 no reaction 312104: Check operational status of engine	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B7905	Engine uppercarr. Temperature sensor InterChargerUp 1 Sensor signal outside permissible range 2 no reaction 312105: Check operational status of engine	A750		E	1
8B7906	Engine uppercarr. Temperature sensor InterChargerUp 1 Plausibility error at engine off no reaction 312106: Check wiring engine control unit/sensor	A750		E	1
8B7907	Engine uppercarr. Temperature sensor InterChargerUp 1 Value implausible  312107:	A750		E	1
8B7A00	Engine uppercarr. Temperature sensor InterChargerDown 1 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 312200: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B7A01	Engine uppercarr. Temperature sensor InterChargerDown 1 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 312201: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7A02	Engine uppercarr. Temperature sensor InterChargerDown 1 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 312202: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B7A03	Engine uppercarr. Temperature sensor InterChargerDown 1 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 312203: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7A04	Engine uppercarr. Temperature sensor InterChargerDown 1 Sensor signal outside permissible range 1 no reaction 312204: Check operational status of engine	A750		E	1
8B7A05	Engine uppercarr. Temperature sensor InterChargerDown 1 Sensor signal outside permissible range 2 no reaction 312205: Check operational status of engine	A750		E	1
8B7A06	Engine uppercarr. Temperature sensor InterChargerDown 1 Plausibility error at engine off no reaction 312206: Check wiring engine control unit/sensor	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B7A07	Engine uppercarr. Temperature sensor InterChargerDown 1 Value implausible Warning light on 312207: Replace sensor	A750		E	1
8B7B00	Engine uppercarr. Temperature sensor InterChargerUp 2 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 312300: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B7B01	Engine uppercarr. Temperature sensor InterChargerUp 2 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 312301: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7B02	Engine uppercarr. Temperature sensor InterChargerUp 2 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 312302: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B7B03	Engine uppercarr. Temperature sensor InterChargerUp 2 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 312303: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7B04	Engine uppercarr. Temperature sensor InterChargerUp 2 Sensor signal outside permissible range 1 no reaction 312304: Check operational status of engine	A750		E	1
8B7B05	Engine uppercarr. Temperature sensor InterChargerUp 2 Sensor signal outside permissible range 2 no reaction 312305: Check operational status of engine	A750		E	1
8B7B06	Engine uppercarr. Temperature sensor InterChargerUp 2 Plausibility error at engine off no reaction 312306: Check wiring engine control unit/sensor	A750		E	1
8B7C00	Engine uppercarr. Temperature sensor InterChargerDown 2 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 312400: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B7C01	Engine uppercarr. Temperature sensor InterChargerDown 2 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 312401: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B7C02	Engine uppercarr. Temperature sensor InterChargerDown 2 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 312402: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B7C03	Engine uppercarr. Temperature sensor InterChargerDown 2 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 312403: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7C04	Engine uppercarr. Temperature sensor InterChargerDown 2 Sensor signal outside permissible range 1 no reaction 312404: Check operational status of engine	A750		E	1
8B7C05	Engine uppercarr. Temperature sensor InterChargerDown 2 Sensor signal outside permissible range 2 no reaction 312405: Check operational status of engine	A750		E	1
8B7C06	Engine uppercarr. Temperature sensor InterChargerDown 2 Plausibility error at engine off no reaction 312406: Check wiring engine control unit/sensor	A750		E	1
8B7C07	Engine uppercarr. Temperature sensor InterChargerDown 2 Value implausible Warning light on 312407: Replace sensor	A750		E	1
8B7D00	Engine uppercarr. Temperature sensor InterCoolerUp 1 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 312500: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B7D01	Engine uppercarr. Temperature sensor InterCoolerUp 1 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 312501: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7D02	Engine uppercarr. Temperature sensor InterCoolerUp 1 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 312502: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B7D03	Engine uppercarr. Temperature sensor InterCoolerUp 1 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 312503: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B7D04	Engine uppercarr. Temperature sensor InterCoolerUp 1 Sensor signal outside permissible range 1 no reaction 312504: Check operational status of engine	A750		E	1
8B7D05	Engine uppercarr. Temperature sensor InterCoolerUp 1 Sensor signal outside permissible range 2 no reaction 312505: Check operational status of engine	A750		E	1
8B7D06	Engine uppercarr. Temperature sensor InterCoolerUp 1 Plausibility error at engine off no reaction 312506: Check wiring engine control unit/sensor	A750		E	1
8B7D07	Engine uppercarr. Temperature sensor InterCoolerUp 1 Value implausible Warning light on, replace sensor 312507: Check wiring engine control unit/sensor	A750		E	1
8B7E00	Engine uppercarr. Temperature sensor SCRUp 2 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 312600: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B7E01	Engine uppercarr. Temperature sensor SCRUp 2 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 312601: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7E02	Engine uppercarr. Temperature sensor SCRUp 2 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 312602: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B7E03	Engine uppercarr. Temperature sensor SCRUp 2 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 312603: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7E04	Engine uppercarr. Temperature sensor SCRUp 2 Sensor signal outside permissible range 1 no reaction 312604: Check operational status of engine	A750		E	1
8B7E05	Engine uppercarr. Temperature sensor SCRUp 2 Sensor signal outside permissible range 2 no reaction 312605: Check operational status of engine	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B7E06	Engine uppercarr. Temperature sensor SCRUp 2 Plausibility error at engine off no reaction 312606: Check wiring engine control unit/sensor	A750		E	1
8B7F00	Engine uppercarr. Temperature sensor SCRDown 2 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 312700: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B7F01	Engine uppercarr. Temperature sensor SCRDown 2 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 312701: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7F02	Engine uppercarr. Temperature sensor SCRDown 2 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 312702: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B7F03	Engine uppercarr. Temperature sensor SCRDown 2 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 312703: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B7F04	Engine uppercarr. Temperature sensor SCRDown 2 Sensor signal outside permissible range 1 no reaction 312704: Check operational status of engine	A750		E	1
8B7F05	Engine uppercarr. Temperature sensor SCRDown 2 Sensor signal outside permissible range 2 no reaction 312705: Check operational status of engine	A750		E	1
8B7F06	Engine uppercarr. Temperature sensor SCRDown 2 Plausibility error at engine off no reaction 312706: Check wiring engine control unit/sensor	A750		E	1
8B8500	Engine uppercarr. Hardware temperature sensor control unit Short circuit after ground or broken wire Benutzung des Ersatzwertes. 313300: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B8501	Engine uppercarr. Hardware temperature sensor control unit Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 313301: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B8502	Engine uppercarr. Hardware temperature sensor control unit Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 313302: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B8503	Engine uppercarr. Hardware temperature sensor control unit Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 313303: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B8504	Engine uppercarr. Hardware temperature sensor control unit Sensor signal outside permissible range 1 no reaction 313304: Check operational status of engine	A750		E	1
8B8505	Engine uppercarr. Hardware temperature sensor control unit Sensor signal outside permissible range 2 no reaction 313305: Check operational status of engine	A750		E	1
8B8506	Engine uppercarr. Hardware temperature sensor control unit Plausibility error at engine off no reaction 313306: Check wiring engine control unit/sensor	A750		E	1
8B8600	Engine uppercarr. Hardware temperature sensor control unit CPU Short circuit after ground or broken wire Benutzung des Ersatzwertes. 313400: Check wiring engine control unit/sensor (broken wire or short circuit after ground)	A750		E	1
8B8601	Engine uppercarr. Hardware temperature sensor control unit CPU Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 313401: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B8602	Engine uppercarr. Hardware temperature sensor control unit CPU Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 313402: Check wiring engine control unit/sensor (short circuit after ground)	A750		E	1
8B8603	Engine uppercarr. Hardware temperature sensor control unit CPU Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 313403: Check wiring engine control unit/sensor (short circuit after batt. volt.)	A750		E	1
8B8604	Engine uppercarr. Hardware temperature sensor control unit CPU Sensor signal outside permissible range 1 no reaction 313404: Check operational status of engine	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B8605	Engine uppercarr. Hardware temperature sensor control unit CPU Sensor signal outside permissible range 2 no reaction 313405: Check operational status of engine	A750		E	1
8B8606	Engine uppercarr. Hardware temperature sensor control unit CPU Plausibility error at engine off no reaction 313406: Check wiring engine control unit/sensor	A750		E	1
8B8800	Engine uppercarr. Switch signal 1 Alternator short circuit to ground Benutzung des Ersatzwertes. 313600: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8801	Engine uppercarr. Switch signal 1 Alternator Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 313601: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8802	Engine uppercarr. Switch signal 1 Alternator Short circuit after ground or broken wire Benutzung des Ersatzwertes. 313602: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8803	Engine uppercarr. Switch signal 1 Alternator short circuit to supply voltage Benutzung des Ersatzwertes. 313603:	A750		E	1
8B8804	Engine uppercarr. Switch signal 1 Alternator Operating status outside permissible range Benutzung des Ersatzwertes. 313604: Check operational status of engine	A750		E	1
8B8806	Engine uppercarr. Switch signal 1 Alternator Value implausible at engine standstill no reaction 313606: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8900	Engine uppercarr. Switch signal 2 Alternator short circuit to ground Benutzung des Ersatzwertes. 313700: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8901	Engine uppercarr. Switch signal 2 Alternator Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 313701: Turn ignition off/on, possibly replace engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B8902	Engine uppercarr. Switch signal 2 Alternator Short circuit after ground or broken wire Benutzung des Ersatzwertes. 313702: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8903	Engine uppercarr. Switch signal 2 Alternator short circuit to supply voltage Benutzung des Ersatzwertes. 313703:	A750		E	1
8B8904	Engine uppercarr. Switch signal 2 Alternator Operating status outside permissible range Benutzung des Ersatzwertes. 313704: Check operational status of engine	A750		E	1
8B8906	Engine uppercarr. Switch signal 2 Alternator Value implausible at engine standstill no reaction 313706: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8A00	Engine uppercarr. Switch signal Heater unit "SupV" 1 short circuit to ground Benutzung des Ersatzwertes. 313800: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8A01	Engine uppercarr. Switch signal Heater unit "SupV" 1 Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 313801: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8A02	Engine uppercarr. Switch signal Heater unit "SupV" 1 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 313802: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8A03	Engine uppercarr. Switch signal Heater unit "SupV" 1 short circuit to supply voltage Benutzung des Ersatzwertes. 313803: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8A04	Engine uppercarr. Switch signal Heater unit "SupV" 1 Operating status outside permissible range Benutzung des Ersatzwertes. 313804: Check operational status of engine	A750		E	1
8B8A06	Engine uppercarr. Switch signal Heater unit "SupV" 1 Value implausible at engine standstill no reaction 313806: Turn ignition off/on, possibly replace engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B8B00	Engine uppercarr. Switch signal Heater unit "SupV" 2 short circuit to ground Benutzung des Ersatzwertes. 313900: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8B01	Engine uppercarr. Switch signal Heater unit "SupV" 2 Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 313901: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8B02	Engine uppercarr. Switch signal Heater unit "SupV" 2 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 313902: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8B03	Engine uppercarr. Switch signal Heater unit "SupV" 2 short circuit to supply voltage Benutzung des Ersatzwertes. 313903: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8B04	Engine uppercarr. Switch signal Heater unit "SupV" 2 Operating status outside permissible range Benutzung des Ersatzwertes. 313904: Check operational status of engine	A750		E	1
8B8B06	Engine uppercarr. Switch signal Heater unit "SupV" 2 Value implausible at engine standstill no reaction 313906: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8C00	Engine uppercarr. Switch signal Starter short circuit to ground Benutzung des Ersatzwertes. 314000: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8C01	Engine uppercarr. Switch signal Starter Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 314001: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8C02	Engine uppercarr. Switch signal Starter Short circuit after ground or broken wire Benutzung des Ersatzwertes. 314002: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8C03	Engine uppercarr. Switch signal Starter short circuit to supply voltage Benutzung des Ersatzwertes. 314003: Turn ignition off/on, possibly replace engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B8C04	Engine uppercarr. Switch signal Starter Operating status outside permissible range Benutzung des Ersatzwertes. 314004: Check operational status of engine	A750		E	1
8B8C06	Engine uppercarr. Switch signal Starter Value implausible at engine standstill no reaction 314006: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8D00	Engine uppercarr. Idle switch signal short circuit to ground Benutzung des Ersatzwertes. 314100: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8D01	Engine uppercarr. Idle switch signal Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 314101: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8D02	Engine uppercarr. Idle switch signal Short circuit after ground or broken wire Benutzung des Ersatzwertes. 314102: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8D03	Engine uppercarr. Idle switch signal short circuit to supply voltage Benutzung des Ersatzwertes. 314103: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8D04	Engine uppercarr. Idle switch signal Operating status outside permissible range Benutzung des Ersatzwertes. 314104: Check operational status of engine	A750		E	1
8B8D06	Engine uppercarr. Idle switch signal Value implausible at engine standstill no reaction 314106: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8E00	Engine uppercarr. Switch signal Test op. short circuit to ground Benutzung des Ersatzwertes. 314200: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8E01	Engine uppercarr. Switch signal Test op. Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 314201: Turn ignition off/on, possibly replace engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B8E02	Engine uppercarr. Switch signal Test op. Short circuit after ground or broken wire Benutzung des Ersatzwertes. 314202: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8E03	Engine uppercarr. Switch signal Test op. short circuit to supply voltage Benutzung des Ersatzwertes. 314203: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8E04	Engine uppercarr. Switch signal Test op. Operating status outside permissible range Benutzung des Ersatzwertes. 314204: Check operational status of engine	A750		E	1
8B8E06	Engine uppercarr. Switch signal Test op. Value implausible at engine standstill no reaction 314206: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8F00	Engine uppercarr. Switch signal "SupvEgr" 1 short circuit to ground Benutzung des Ersatzwertes. 314300: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8F01	Engine uppercarr. Switch signal "SupvEgr" 1 Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 314301: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8F02	Engine uppercarr. Switch signal "SupvEgr" 1 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 314302: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8F03	Engine uppercarr. Switch signal "SupvEgr" 1 short circuit to supply voltage Benutzung des Ersatzwertes. 314303: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B8F04	Engine uppercarr. Switch signal "SupvEgr" 1 Operating status outside permissible range Benutzung des Ersatzwertes. 314304: Check operational status of engine	A750		E	1
8B8F06	Engine uppercarr. Switch signal "SupvEgr" 1 Value implausible at engine standstill no reaction 314306: Turn ignition off/on, possibly replace engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B9000	Engine uppercarr. Switch signal "SupvEgr" 2 short circuit to ground Benutzung des Ersatzwertes. 314400: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9001	Engine uppercarr. Switch signal "SupvEgr" 2 Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 314401: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9002	Engine uppercarr. Switch signal "SupvEgr" 2 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 314402: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9003	Engine uppercarr. Switch signal "SupvEgr" 2 short circuit to supply voltage Benutzung des Ersatzwertes. 314403: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9004	Engine uppercarr. Switch signal "SupvEgr" 2 Operating status outside permissible range Benutzung des Ersatzwertes. 314404: Check operational status of engine	A750		E	1
8B9006	Engine uppercarr. Switch signal "SupvEgr" 2 Value implausible at engine standstill no reaction 314406: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9100	Engine uppercarr. Switch signal Fixed rpm short circuit to ground Benutzung des Ersatzwertes. 314500: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9101	Engine uppercarr. Switch signal Fixed rpm Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 314501: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9102	Engine uppercarr. Switch signal Fixed rpm Short circuit after ground or broken wire Benutzung des Ersatzwertes. 314502: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9103	Engine uppercarr. Switch signal Fixed rpm short circuit to supply voltage Benutzung des Ersatzwertes. 314503: Turn ignition off/on, possibly replace engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B9104	Engine uppercarr. Switch signal Fixed rpm Operating status outside permissible range Benutzung des Ersatzwertes. 314504: Check operational status of engine	A750		E	1
8B9106	Engine uppercarr. Switch signal Fixed rpm Value implausible at engine standstill no reaction 314506: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9200	Engine uppercarr. Empty gas switch signal short circuit to ground Benutzung des Ersatzwertes. 314600: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9201	Engine uppercarr. Empty gas switch signal Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 314601: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9202	Engine uppercarr. Empty gas switch signal Short circuit after ground or broken wire Benutzung des Ersatzwertes. 314602: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9203	Engine uppercarr. Empty gas switch signal short circuit to supply voltage Benutzung des Ersatzwertes. 314603: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9204	Engine uppercarr. Empty gas switch signal Operating status outside permissible range Benutzung des Ersatzwertes. 314604: Check operational status of engine	A750		E	1
8B9206	Engine uppercarr. Empty gas switch signal Value implausible at engine standstill no reaction 314606: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9300	Engine uppercarr. Switch signal "EcyStart" short circuit to ground Benutzung des Ersatzwertes. 314700: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9301	Engine uppercarr. Switch signal "EcyStart" Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 314701: Turn ignition off/on, possibly replace engine control unit	A750		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B9302	Engine uppercarr. Switch signal "EcyStart" Short circuit after ground or broken wire Benutzung des Ersatzwertes. 314702: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9303	Engine uppercarr. Switch signal "EcyStart" short circuit to supply voltage Benutzung des Ersatzwertes. 314703: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9304	Engine uppercarr. Switch signal "EcyStart" Operating status outside permissible range Benutzung des Ersatzwertes. 314704: Check operational status of engine	A750		E	1
8B9306	Engine uppercarr. Switch signal "EcyStart" Value implausible at engine standstill no reaction 314706: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9400	Engine uppercarr. Switch signal "DelayEcyStart" short circuit to ground Benutzung des Ersatzwertes. 314800: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9401	Engine uppercarr. Switch signal "DelayEcyStart" Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 314801: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9402	Engine uppercarr. Switch signal "DelayEcyStart" Short circuit after ground or broken wire Benutzung des Ersatzwertes. 314802: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9403	Engine uppercarr. Switch signal "DelayEcyStart" short circuit to supply voltage Benutzung des Ersatzwertes. 314803: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9404	Engine uppercarr. Switch signal "DelayEcyStart" Operating status outside permissible range Benutzung des Ersatzwertes. 314804: Check operational status of engine	A750		E	1
8B9406	Engine uppercarr. Switch signal "DelayEcyStart" Value implausible at engine standstill no reaction 314806: Turn ignition off/on, possibly replace engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B9500	Engine uppercarr. Switch signal Notstopp short circuit to ground Benutzung des Ersatzwertes. 314900: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9501	Engine uppercarr. Switch signal Notstopp Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 314901: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9502	Engine uppercarr. Switch signal Notstopp Short circuit after ground or broken wire Benutzung des Ersatzwertes. 314902: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9503	Engine uppercarr. Switch signal Notstopp short circuit to supply voltage Benutzung des Ersatzwertes. 314903: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9504	Engine uppercarr. Switch signal Notstopp Operating status outside permissible range Benutzung des Ersatzwertes. 314904: Check operational status of engine	A750		E	1
8B9506	Engine uppercarr. Switch signal Notstopp Value implausible at engine standstill no reaction 314906: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9600	Engine uppercarr. Switch signal "Slave on" short circuit to ground Benutzung des Ersatzwertes. 315000: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9601	Engine uppercarr. Switch signal "Slave on" Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 315001: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9602	Engine uppercarr. Switch signal "Slave on" Short circuit after ground or broken wire Benutzung des Ersatzwertes. 315002: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9603	Engine uppercarr. Switch signal "Slave on" short circuit to supply voltage Benutzung des Ersatzwertes. 315003: Turn ignition off/on, possibly replace engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B9604	Engine uppercarr. Switch signal "Slave on" Operating status outside permissible range Benutzung des Ersatzwertes. 315004: Check operational status of engine	A750		E	1
8B9606	Engine uppercarr. Switch signal "Slave on" Value implausible at engine standstill no reaction 315006: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9700	Engine uppercarr. Switch signal fan reversed short circuit to ground Benutzung des Ersatzwertes. 315100: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9701	Engine uppercarr. Switch signal fan reversed Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 315101: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9702	Engine uppercarr. Switch signal fan reversed Short circuit after ground or broken wire Benutzung des Ersatzwertes. 315102: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9703	Engine uppercarr. Switch signal fan reversed short circuit to supply voltage Benutzung des Ersatzwertes. 315103: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9704	Engine uppercarr. Switch signal fan reversed Operating status outside permissible range Benutzung des Ersatzwertes. 315104: Check operational status of engine	A750		E	1
8B9706	Engine uppercarr. Switch signal fan reversed Value implausible at engine standstill no reaction 315106: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9800	Engine uppercarr. Switch signal fan reversed manual short circuit to ground Benutzung des Ersatzwertes. 315200: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9801	Engine uppercarr. Switch signal fan reversed manual Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 315201: Turn ignition off/on, possibly replace engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B9802	Engine uppercarr. Switch signal fan reversed manual Short circuit after ground or broken wire Benutzung des Ersatzwertes. 315202: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9803	Engine uppercarr. Switch signal fan reversed manual short circuit to supply voltage Benutzung des Ersatzwertes. 315203: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9804	Engine uppercarr. Switch signal fan reversed manual Operating status outside permissible range Benutzung des Ersatzwertes. 315204: Check operational status of engine	A750		E	1
8B9806	Engine uppercarr. Switch signal fan reversed manual Value implausible at engine standstill no reaction 315206: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9900	Engine uppercarr. Air filter vacuum pr. switch 1 short circuit to ground Benutzung des Ersatzwertes. 315300: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9901	Engine uppercarr. Air filter vacuum pr. switch 1 Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 315301: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9902	Engine uppercarr. Air filter vacuum pr. switch 1 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 315302: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9903	Engine uppercarr. Air filter vacuum pr. switch 1 short circuit to supply voltage Benutzung des Ersatzwertes. 315303: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9904	Engine uppercarr. Air filter vacuum pr. switch 1 Operating status outside permissible range Benutzung des Ersatzwertes. 315304: Check operational status of engine	A750		E	1
8B9906	Engine uppercarr. Air filter vacuum pr. switch 1 Value implausible at engine standstill no reaction 315306: Turn ignition off/on, possibly replace engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B9A00	Engine uppercarr. Air filter vacuum pr. switch 2 short circuit to ground Benutzung des Ersatzwertes. 315400: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9A01	Engine uppercarr. Air filter vacuum pr. switch 2 Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 315401: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9A02	Engine uppercarr. Air filter vacuum pr. switch 2 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 315402: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9A03	Engine uppercarr. Air filter vacuum pr. switch 2 short circuit to supply voltage Benutzung des Ersatzwertes. 315403: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9A04	Engine uppercarr. Air filter vacuum pr. switch 2 Operating status outside permissible range Benutzung des Ersatzwertes. 315404: Check operational status of engine	A750		E	1
8B9A06	Engine uppercarr. Air filter vacuum pr. switch 2 Value implausible at engine standstill no reaction 315406: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9B00	Engine uppercarr. Sensor Water in fuel short circuit to ground Benutzung des Ersatzwertes. 315500: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9B01	Engine uppercarr. Sensor Water in fuel Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 315501: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9B02	Engine uppercarr. Sensor Water in fuel Short circuit after ground or broken wire Benutzung des Ersatzwertes. 315502: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9B03	Engine uppercarr. Sensor Water in fuel short circuit to supply voltage Benutzung des Ersatzwertes. 315503: Turn ignition off/on, possibly replace engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B9B04	Engine uppercarr. Sensor Water in fuel Operating status outside permissible range Benutzung des Ersatzwertes. 315504: Check operational status of engine	A750		E	1
8B9B06	Engine uppercarr. Sensor Water in fuel Value implausible at engine standstill no reaction 315506: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9C00	Engine uppercarr. Coolant level sensor short circuit to ground Benutzung des Ersatzwertes. 315600: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9C01	Engine uppercarr. Coolant level sensor Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 315601: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9C02	Engine uppercarr. Coolant level sensor Short circuit after ground or broken wire Benutzung des Ersatzwertes. 315602: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9C03	Engine uppercarr. Coolant level sensor short circuit to supply voltage Benutzung des Ersatzwertes. 315603: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9C04	Engine uppercarr. Coolant level sensor Operating status outside permissible range Benutzung des Ersatzwertes. 315604: Check operational status of engine	A750		E	1
8B9C06	Engine uppercarr. Coolant level sensor Value implausible at engine standstill no reaction 315606: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8B9D00	Engine uppercarr. Flame start system short circuit to ground Benutzung des Ersatzwertes. 315700: Turn ignition off/on, possibly change engine control unit	A750		E	1
8B9D01	Engine uppercarr. Flame start system Line interruption or short circuit after supply voltage Benutzung des Ersatzwertes. 315701: Turn ignition off/on, possibly change engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B9D02	Engine uppercarr. Flame start system Line interruption or short circuit after ground Benutzung des Ersatzwertes. 315702: Turn ignition off/on, possibly change engine control unit	A750		E	1
8B9D03	Engine uppercarr. Flame start system short circuit to supply voltage Benutzung des Ersatzwertes. 315703: Turn ignition off/on, possibly change engine control unit	A750		E	1
8B9D04	Engine uppercarr. Flame start system Operating data outside permissible range Benutzung des Ersatzwertes. 315704: Check op. status of engine	A750		E	1
8B9D06	Engine uppercarr. Flame start system Test values implausible at engine standstill no reaction 315706: Turn ignition off/on, possibly change engine control unit	A750		E	1
8B9E00	Engine uppercarr. Flame start system 2 short circuit to ground Benutzung des Ersatzwertes. 315800: Turn ignition off/on, possibly change engine control unit	A750		E	1
8B9E01	Engine uppercarr. Flame start system 2 Line interruption or short circuit after supply voltage Benutzung des Ersatzwertes. 315801: Turn ignition off/on, possibly change engine control unit	A750		E	1
8B9E02	Engine uppercarr. Flame start system 2 Line interruption or short circuit after ground Benutzung des Ersatzwertes. 315802: Turn ignition off/on, possibly change engine control unit	A750		E	1
8B9E03	Engine uppercarr. Flame start system 2 short circuit to supply voltage Benutzung des Ersatzwertes. 315803: Turn ignition off/on, possibly change engine control unit	A750		E	1
8B9E04	Engine uppercarr. Flame start system 2 Operating data outside permissible range Benutzung des Ersatzwertes. 315804: Check op. status of engine	A750		E	1
8B9E06	Engine uppercarr. Flame start system 2 Test values implausible at engine standstill no reaction 315806: Turn ignition off/on, possibly change engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8B9F00	Engine uppercarr. Input signal request engine brake short circuit to ground Benutzung des Ersatzwertes. 315900: Check wiring, control unit	A750		E	1
8B9F01	Engine uppercarr. Input signal request engine brake Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 315901: Check wiring, control unit	A750		E	1
8B9F02	Engine uppercarr. Input signal request engine brake Short circuit after ground or broken wire Benutzung des Ersatzwertes. 315902: Check wiring, control unit	A750		E	1
8B9F03	Engine uppercarr. Input signal request engine brake short circuit to supply voltage Benutzung des Ersatzwertes. 315903: Check wiring, control unit	A750		E	1
8B9F04	Engine uppercarr. Input signal request engine brake Operating status outside permissible range Benutzung des Ersatzwertes. 315904: Check wiring, control unit	A750		E	1
8B9F06	Engine uppercarr. Input signal request engine brake Value implausible at engine standstill no reaction 315906: Check wiring, control unit	A750		E	1
8BA000	Engine uppercarr. Input signal water in fuel 2 short circuit to ground Benutzung des Ersatzwertes. 315900: Check wiring, control unit	A750		E	1
8BA001	Engine uppercarr. Input signal water in fuel 2 Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 315901: Check wiring, control unit	A750		E	1
8BA002	Engine uppercarr. Input signal water in fuel 2 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 316000: Check wiring, control unit	A750		E	1
8BA003	Engine uppercarr. Input signal water in fuel 2 short circuit to supply voltage Benutzung des Ersatzwertes. 316001: Check wiring, control unit	A750		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BA004	Engine uppercarr. Input signal water in fuel 2 Operating status outside permissible range Benutzung des Ersatzwertes. 316002: Check wiring, control unit	A750		E	1
8BA006	Engine uppercarr. Input signal water in fuel 2 Value implausible at engine standstill no reaction 316004: Check wiring, control unit	A750		E	1
8BA100	Engine uppercarr. Input signal rpm increase short circuit to ground Benutzung des Ersatzwertes. 316005: Check wiring, control unit	A750		E	1
8BA101	Engine uppercarr. Input signal rpm increase Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 316006: Check wiring, control unit	A750		E	1
8BA102	Engine uppercarr. Input signal rpm increase Short circuit after ground or broken wire Benutzung des Ersatzwertes. 316100: Check wiring, control unit	A750		E	1
8BA103	Engine uppercarr. Input signal rpm increase short circuit to supply voltage Benutzung des Ersatzwertes. 316101: Check wiring, control unit	A750		E	1
8BA104	Engine uppercarr. Input signal rpm increase Operating status outside permissible range Benutzung des Ersatzwertes. 316102: Check wiring, control unit	A750		E	1
8BA106	Engine uppercarr. Input signal rpm increase Value implausible at engine standstill no reaction 316103: Check wiring, control unit	A750		E	1
8BA200	Engine uppercarr. Input signal rpm decrease short circuit to ground Benutzung des Ersatzwertes. 316106: Check wiring, control unit	A750		E	1
8BA201	Engine uppercarr. Input signal rpm decrease Short circuit after supply voltage or broken wire Benutzung des Ersatzwertes. 316200: Check wiring, control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BA202	Engine uppercarr. Input signal rpm decrease Short circuit after ground or broken wire Benutzung des Ersatzwertes. 316201: Check wiring, control unit	A750		E	1
8BA203	Engine uppercarr. Input signal rpm decrease short circuit to supply voltage Benutzung des Ersatzwertes. 316202: Check wiring, control unit	A750		E	1
8BA204	Engine uppercarr. Input signal rpm decrease Operating status outside permissible range Benutzung des Ersatzwertes. 316203: Check wiring, control unit	A750		E	1
8BA206	Engine uppercarr. Input signal rpm decrease Value implausible at engine standstill no reaction 316206: Check wiring, control unit	A750		E	1
8BA300	Engine uppercarr. Input signal fixed rpm short circuit to ground  319500.0	A750		E	1
8BA301	Engine uppercarr. Input signal fixed rpm Line interruption or short circuit after supply voltage  319501.0	A750		E	1
8BA302	Engine uppercarr. Input signal fixed rpm Line interruption or short circuit after ground  319502.0	A750		E	1
8BA303	Engine uppercarr. Input signal fixed rpm short circuit to supply voltage  319503.0	A750		E	1
8BA306	Engine uppercarr. Input signal fixed rpm Test values implausible at engine standstill  319504.0	A750		E	1
8BC300	Engine uppercarr. Actuation Injection Cyl. 1 Interruption or current remeasuring erroneous no reaction 319500: Check cable, plug, injector, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BC301	Engine uppercarr. Actuation Injection Cyl. 1 Maximum current ground switch exceeded Injector unit is not energized 319501: Check cable, plug, injector, engine control unit	A750		E	1
8BC302	Engine uppercarr. Actuation Injection Cyl. 1 Maximum current Plus switch exceeded Injector unit is not energized 319502: Check cable, plug, injector, engine control unit	A750		E	1
8BC303	Engine uppercarr. Actuation Injection Cyl. 1 No increase time measured no reaction 319503: Check cable, plug, injector, engine control unit	A750		E	1
8BC304	Engine uppercarr. Actuation Injection Cyl. 1 Increase time too large no reaction 319504: Check cable, plug, injector, engine control unit	A750		E	1
8BC305	Engine uppercarr. Actuation Injection Cyl. 1 Cyl. Overlap Engine shut off 319505: Load new software in engine control unit	A750		E	1
8BC306	Engine uppercarr. Actuation Injection Cyl. 1 No fly time measured no reaction 319506: Check cable, plug, injector, engine control unit	A750		E	1
8BC307	Engine uppercarr. Actuation Injection Cyl. 1 Fly time too small no reaction 319507: Check cable, plug, injector, engine control unit	A750		E	1
8BC308	Engine uppercarr. Actuation Injection Cyl. 1 Fly time too large no reaction 319508: Check cable, plug, injector, engine control unit	A750		E	1
8BC400	Engine uppercarr. Actuation Injection Cyl. 2 Interruption or current remeasuring erroneous no reaction 319600: Check cable, plug, injector, engine control unit	A750		E	1
8BC401	Engine uppercarr. Actuation Injection Cyl. 2 Maximum current ground switch exceeded Injector unit is not energized 319601: Check cable, plug, injector, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BC402	Engine uppercarr. Actuation Injection Cyl. 2 Maximum current Plus switch exceeded Injector unit is not energized 319602: Check cable, plug, injector, engine control unit	A750		E	1
8BC403	Engine uppercarr. Actuation Injection Cyl. 2 No increase time measured no reaction 319603: Check cable, plug, injector, engine control unit	A750		E	1
8BC404	Engine uppercarr. Actuation Injection Cyl. 2 Increase time too large no reaction 319604: Check cable, plug, injector, engine control unit	A750		E	1
8BC405	Engine uppercarr. Actuation Injection Cyl. 2 Cyl. Overlap Engine shut off 319605: Load new software in engine control unit	A750		E	1
8BC406	Engine uppercarr. Actuation Injection Cyl. 2 No fly time measured no reaction 319606: Check cable, plug, injector, engine control unit	A750		E	1
8BC407	Engine uppercarr. Actuation Injection Cyl. 2 Fly time too small no reaction 319607: Check cable, plug, injector, engine control unit	A750		E	1
8BC408	Engine uppercarr. Actuation Injection Cyl. 2 Fly time too large no reaction 319608: Check cable, plug, injector, engine control unit	A750		E	1
8BC500	Engine uppercarr. Actuation Injection Cyl. 3 Interruption or current remeasuring erroneous no reaction 319700: Check cable, plug, injector, engine control unit	A750		E	1
8BC501	Engine uppercarr. Actuation Injection Cyl. 3 Maximum current ground switch exceeded Injector unit is not energized 319701: Check cable, plug, injector, engine control unit	A750		E	1
8BC502	Engine uppercarr. Actuation Injection Cyl. 3 Maximum current Plus switch exceeded Injector unit is not energized 319702: Check cable, plug, injector, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BC503	Engine uppercarr. Actuation Injection Cyl. 3 No increase time measured no reaction 319703: Check cable, plug, injector, engine control unit	A750		E	1
8BC504	Engine uppercarr. Actuation Injection Cyl. 3 Increase time too large no reaction 319704: Check cable, plug, injector, engine control unit	A750		E	1
8BC505	Engine uppercarr. Actuation Injection Cyl. 3 Cyl. Overlap Engine shut off 319705: Load new software in engine control unit	A750		E	1
8BC506	Engine uppercarr. Actuation Injection Cyl. 3 No fly time measured no reaction 319706: Check cable, plug, injector, engine control unit	A750		E	1
8BC507	Engine uppercarr. Actuation Injection Cyl. 3 Fly time too small no reaction 319707: Check cable, plug, injector, engine control unit	A750		E	1
8BC508	Engine uppercarr. Actuation Injection Cyl. 3 Fly time too large no reaction 319708: Check cable, plug, injector, engine control unit	A750		E	1
8BC600	Engine uppercarr. Actuation Injection Cyl. 4 Interruption or current remeasuring erroneous no reaction 319800: Check cable, plug, injector, engine control unit	A750		E	1
8BC601	Engine uppercarr. Actuation Injection Cyl. 4 Maximum current ground switch exceeded Injector unit is not energized 319801: Check cable, plug, injector, engine control unit	A750		E	1
8BC602	Engine uppercarr. Actuation Injection Cyl. 4 Maximum current Plus switch exceeded Injector unit is not energized 319802: Check cable, plug, injector, engine control unit	A750		E	1
8BC603	Engine uppercarr. Actuation Injection Cyl. 4 No increase time measured no reaction 319803: Check cable, plug, injector, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BC604	Engine uppercarr. Actuation Injection Cyl. 4 Increase time too large no reaction 319804: Check cable, plug, injector, engine control unit	A750		E	1
8BC605	Engine uppercarr. Actuation Injection Cyl. 4 Cyl. Overlap Engine shut off 319805: Load new software in engine control unit	A750		E	1
8BC606	Engine uppercarr. Actuation Injection Cyl. 4 No fly time measured no reaction 319806: Check cable, plug, injector, engine control unit	A750		E	1
8BC607	Engine uppercarr. Actuation Injection Cyl. 4 Fly time too small no reaction 319807: Check cable, plug, injector, engine control unit	A750		E	1
8BC608	Engine uppercarr. Actuation Injection Cyl. 4 Fly time too large no reaction 319808: Check cable, plug, injector, engine control unit	A750		E	1
8BC700	Engine uppercarr. Actuation Injection Cyl. 5 Interruption or current remeasuring erroneous no reaction 319900: Check cable, plug, injector, engine control unit	A750		E	1
8BC701	Engine uppercarr. Actuation Injection Cyl. 5 Maximum current ground switch exceeded Injector unit is not energized 319901: Check cable, plug, injector, engine control unit	A750		E	1
8BC702	Engine uppercarr. Actuation Injection Cyl. 5 Maximum current Plus switch exceeded Injector unit is not energized 319902: Check cable, plug, injector, engine control unit	A750		E	1
8BC703	Engine uppercarr. Actuation Injection Cyl. 5 No increase time measured no reaction 319903: Check cable, plug, injector, engine control unit	A750		E	1
8BC704	Engine uppercarr. Actuation Injection Cyl. 5 Increase time too large no reaction 319904: Check cable, plug, injector, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BC705	Engine uppercarr. Actuation Injection Cyl. 5 Cyl. Overlap Engine shut off 319905: Load new software in engine control unit	A750		E	1
8BC706	Engine uppercarr. Actuation Injection Cyl. 5 No fly time measured no reaction 319906: Check cable, plug, injector, engine control unit	A750		E	1
8BC707	Engine uppercarr. Actuation Injection Cyl. 5 Fly time too small no reaction 319907: Check cable, plug, injector, engine control unit	A750		E	1
8BC708	Engine uppercarr. Actuation Injection Cyl. 5 Fly time too large no reaction 319908: Check cable, plug, injector, engine control unit	A750		E	1
8BC800	Engine uppercarr. Actuation Injection Cyl. 6 Interruption or current remeasuring erroneous no reaction 320000: Check cable, plug, injector, engine control unit	A750		E	1
8BC801	Engine uppercarr. Actuation Injection Cyl. 6 Maximum current ground switch exceeded Injector unit is not energized 320001: Check cable, plug, injector, engine control unit	A750		E	1
8BC802	Engine uppercarr. Actuation Injection Cyl. 6 Maximum current Plus switch exceeded Injector unit is not energized 320002: Check cable, plug, injector, engine control unit	A750		E	1
8BC803	Engine uppercarr. Actuation Injection Cyl. 6 No increase time measured no reaction 320003: Check cable, plug, injector, engine control unit	A750		E	1
8BC804	Engine uppercarr. Actuation Injection Cyl. 6 Increase time too large no reaction 320004: Check cable, plug, injector, engine control unit	A750		E	1
8BC805	Engine uppercarr. Actuation Injection Cyl. 6 Cyl. Overlap Engine shut off 320005: Load new software in engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BC806	Engine uppercarr. Actuation Injection Cyl. 6 No fly time measured no reaction 320006: Check cable, plug, injector, engine control unit	A750		E	1
8BC807	Engine uppercarr. Actuation Injection Cyl. 6 Fly time too small no reaction 320007: Check cable, plug, injector, engine control unit	A750		E	1
8BC808	Engine uppercarr. Actuation Injection Cyl. 6 Fly time too large no reaction 320008: Check cable, plug, injector, engine control unit	A750		E	1
8BC900	Engine uppercarr. Actuation Injection Cyl. 7 Interruption or current remeasuring erroneous no reaction 320100: Check cable, plug, injector, engine control unit	A750		E	1
8BC901	Engine uppercarr. Actuation Injection Cyl. 7 Maximum current ground switch exceeded Injector unit is not energized 320101: Check cable, plug, injector, engine control unit	A750		E	1
8BC902	Engine uppercarr. Actuation Injection Cyl. 7 Maximum current Plus switch exceeded Injector unit is not energized 320102: Check cable, plug, injector, engine control unit	A750		E	1
8BC903	Engine uppercarr. Actuation Injection Cyl. 7 No increase time measured no reaction 320103: Check cable, plug, injector, engine control unit	A750		E	1
8BC904	Engine uppercarr. Actuation Injection Cyl. 7 Increase time too large no reaction 320104: Check cable, plug, injector, engine control unit	A750		E	1
8BC905	Engine uppercarr. Actuation Injection Cyl. 7 Cyl. Overlap Engine shut off 320105: Load new software in engine control unit	A750		E	1
8BC906	Engine uppercarr. Actuation Injection Cyl. 7 No fly time measured no reaction 320106: Check cable, plug, injector, engine control unit	A750		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BC907	Engine uppercarr. Actuation Injection Cyl. 7 Fly time too small no reaction 320107: Check cable, plug, injector, engine control unit	A750		E	1
8BC908	Engine uppercarr. Actuation Injection Cyl. 7 Fly time too large no reaction 320108: Check cable, plug, injector, engine control unit	A750		E	1
8BCA00	Engine uppercarr. Actuation Injection Cyl. 8 Interruption or current remeasuring erroneous no reaction 320200: Check cable, plug, injector, engine control unit	A750		E	1
8BCA01	Engine uppercarr. Actuation Injection Cyl. 8 Maximum current ground switch exceeded Injector unit is not energized 320201: Check cable, plug, injector, engine control unit	A750		E	1
8BCA02	Engine uppercarr. Actuation Injection Cyl. 8 Maximum current Plus switch exceeded Injector unit is not energized 320202: Check cable, plug, injector, engine control unit	A750		E	1
8BCA03	Engine uppercarr. Actuation Injection Cyl. 8 No increase time measured no reaction 320203: Check cable, plug, injector, engine control unit	A750		E	1
8BCA04	Engine uppercarr. Actuation Injection Cyl. 8 Increase time too large no reaction 320204: Check cable, plug, injector, engine control unit	A750		E	1
8BCA05	Engine uppercarr. Actuation Injection Cyl. 8 Cyl. Overlap Engine shut off 320205: Load new software in engine control unit	A750		E	1
8BCA06	Engine uppercarr. Actuation Injection Cyl. 8 No fly time measured no reaction 320206: Check cable, plug, injector, engine control unit	A750		E	1
8BCA07	Engine uppercarr. Actuation Injection Cyl. 8 Fly time too small no reaction 320207: Check cable, plug, injector, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BCA08	Engine uppercarr. Actuation Injection Cyl. 8 Fly time too large no reaction 320208: Check cable, plug, injector, engine control unit	A750		E	1
8BCB00	Engine uppercarr. Actuation Injection Cyl. 9 Interruption or current remeasuring erroneous no reaction 320300: Check cable, plug, injector, engine control unit	A750		E	1
8BCB01	Engine uppercarr. Actuation Injection Cyl. 9 Maximum current ground switch exceeded Injector unit is not energized 320301: Check cable, plug, injector, engine control unit	A750		E	1
8BCB02	Engine uppercarr. Actuation Injection Cyl. 9 Maximum current Plus switch exceeded Injector unit is not energized 320302: Check cable, plug, injector, engine control unit	A750		E	1
8BCB03	Engine uppercarr. Actuation Injection Cyl. 9 No increase time measured no reaction 320303: Check cable, plug, injector, engine control unit	A750		E	1
8BCB04	Engine uppercarr. Actuation Injection Cyl. 9 Increase time too large no reaction 320304: Check cable, plug, injector, engine control unit	A750		E	1
8BCB05	Engine uppercarr. Actuation Injection Cyl. 9 Cyl. Overlap Engine shut off 320305: Load new software in engine control unit	A750		E	1
8BCB06	Engine uppercarr. Actuation Injection Cyl. 9 No fly time measured no reaction 320306: Check cable, plug, injector, engine control unit	A750		E	1
8BCB07	Engine uppercarr. Actuation Injection Cyl. 9 Fly time too small no reaction 320307: Check cable, plug, injector, engine control unit	A750		E	1
8BCB08	Engine uppercarr. Actuation Injection Cyl. 9 Fly time too large no reaction 320308: Check cable, plug, injector, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BCC00	Engine uppercarr. Actuation Injection Cyl. 10 Interruption or current remeasuring erroneous no reaction 320400: Check cable, plug, injector, engine control unit	A750		E	1
8BCC01	Engine uppercarr. Actuation Injection Cyl. 10 Maximum current ground switch exceeded Injector unit is not energized 320401: Check cable, plug, injector, engine control unit	A750		E	1
8BCC02	Engine uppercarr. Actuation Injection Cyl. 10 Maximum current Plus switch exceeded Injector unit is not energized 320402: Check cable, plug, injector, engine control unit	A750		E	1
8BCC03	Engine uppercarr. Actuation Injection Cyl. 10 No increase time measured no reaction 320403: Check cable, plug, injector, engine control unit	A750		E	1
8BCC04	Engine uppercarr. Actuation Injection Cyl. 10 Increase time too large no reaction 320404: Check cable, plug, injector, engine control unit	A750		E	1
8BCC05	Engine uppercarr. Actuation Injection Cyl. 10 Cyl. Overlap Engine shut off 320405: Load new software in engine control unit	A750		E	1
8BCC06	Engine uppercarr. Actuation Injection Cyl. 10 No fly time measured no reaction 320406: Check cable, plug, injector, engine control unit	A750		E	1
8BCC07	Engine uppercarr. Actuation Injection Cyl. 10 Fly time too small no reaction 320407: Check cable, plug, injector, engine control unit	A750		E	1
8BCC08	Engine uppercarr. Actuation Injection Cyl. 10 Fly time too large no reaction 320408: Check cable, plug, injector, engine control unit	A750		E	1
8BCD00	Engine uppercarr. Actuation Injection Cyl. 11 Interruption or current remeasuring erroneous no reaction 320500: Check cable, plug, injector, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BCD01	Engine uppercarr. Actuation Injection Cyl. 11 Maximum current ground switch exceeded Injector unit is not energized 320501: Check cable, plug, injector, engine control unit	A750		E	1
8BCD02	Engine uppercarr. Actuation Injection Cyl. 11 Maximum current Plus switch exceeded Injector unit is not energized 320502: Check cable, plug, injector, engine control unit	A750		E	1
8BCD03	Engine uppercarr. Actuation Injection Cyl. 11 No increase time measured no reaction 320503: Check cable, plug, injector, engine control unit	A750		E	1
8BCD04	Engine uppercarr. Actuation Injection Cyl. 11 Increase time too large no reaction 320504: Check cable, plug, injector, engine control unit	A750		E	1
8BCD05	Engine uppercarr. Actuation Injection Cyl. 11 Cyl. Overlap Engine shut off 320505: Load new software in engine control unit	A750		E	1
8BCD06	Engine uppercarr. Actuation Injection Cyl. 11 No fly time measured no reaction 320506: Check cable, plug, injector, engine control unit	A750		E	1
8BCD07	Engine uppercarr. Actuation Injection Cyl. 11 Fly time too small no reaction 320507: Check cable, plug, injector, engine control unit	A750		E	1
8BCD08	Engine uppercarr. Actuation Injection Cyl. 11 Fly time too large no reaction 320508: Check cable, plug, injector, engine control unit	A750		E	1
8BCE00	Engine uppercarr. Actuation Injection Cyl. 12 Interruption or current remeasuring erroneous no reaction 320600: Check cable, plug, injector, engine control unit	A750		E	1
8BCE01	Engine uppercarr. Actuation Injection Cyl. 12 Maximum current ground switch exceeded Injector unit is not energized 320601: Check cable, plug, injector, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BCE02	Engine uppercarr. Actuation Injection Cyl. 12 Maximum current Plus switch exceeded Injector unit is not energized 320602: Check cable, plug, injector, engine control unit	A750		E	1
8BCE03	Engine uppercarr. Actuation Injection Cyl. 12 No increase time measured no reaction 320603: Check cable, plug, injector, engine control unit	A750		E	1
8BCE04	Engine uppercarr. Actuation Injection Cyl. 12 Increase time too large no reaction 320604: Check cable, plug, injector, engine control unit	A750		E	1
8BCE05	Engine uppercarr. Actuation Injection Cyl. 12 Cyl. Overlap Engine shut off 320605: Load new software in engine control unit	A750		E	1
8BCE06	Engine uppercarr. Actuation Injection Cyl. 12 No fly time measured no reaction 320606: Check cable, plug, injector, engine control unit	A750		E	1
8BCE07	Engine uppercarr. Actuation Injection Cyl. 12 Fly time too small no reaction 320607: Check cable, plug, injector, engine control unit	A750		E	1
8BCE08	Engine uppercarr. Actuation Injection Cyl. 12 Fly time too large no reaction 320608: Check cable, plug, injector, engine control unit	A750		E	1
8BCF00	Engine uppercarr. Actuation injection cylinder 13 Interruption or current remeasuring erroneous no reaction 320700: Check cable, plug, injector, engine control unit	A750		E	1
8BCF01	Engine uppercarr. Actuation injection cylinder 13 Maximum current ground switch exceeded Injector unit is not energized 320701: Check cable, plug, injector, engine control unit	A750		E	1
8BCF02	Engine uppercarr. Actuation injection cylinder 13 Maximum current Plus switch exceeded Injector unit is not energized 320702: Check cable, plug, injector, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BCF03	Engine uppercarr. Actuation injection cylinder 13 No increase time measured no reaction 320703: Check cable, plug, injector, engine control unit	A750		E	1
8BCF04	Engine uppercarr. Actuation injection cylinder 13 Increase time too large no reaction 320704: Check cable, plug, injector, engine control unit	A750		E	1
8BCF05	Engine uppercarr. Actuation injection cylinder 13 Cyl. Overlap Engine shut off 320705: Load new software in engine control unit	A750		E	1
8BCF06	Engine uppercarr. Actuation injection cylinder 13 No fly time measured no reaction 320706: Check cable, plug, injector, engine control unit	A750		E	1
8BCF07	Engine uppercarr. Actuation injection cylinder 13 Fly time too small no reaction 320707: Check cable, plug, injector, engine control unit	A750		E	1
8BCF08	Engine uppercarr. Actuation injection cylinder 13 Fly time too large no reaction 320708: Check cable, plug, injector, engine control unit	A750		E	1
8BD000	Engine uppercarr. Actuation injection cylinder 14 Interruption or current remeasuring erroneous no reaction 320800: Check cable, plug, injector, engine control unit	A750		E	1
8BD001	Engine uppercarr. Actuation injection cylinder 14 Maximum current ground switch exceeded Injector unit is not energized 320801: Check cable, plug, injector, engine control unit	A750		E	1
8BD002	Engine uppercarr. Actuation injection cylinder 14 Maximum current Plus switch exceeded Injector unit is not energized 320802: Check cable, plug, injector, engine control unit	A750		E	1
8BD003	Engine uppercarr. Actuation injection cylinder 14 No increase time measured no reaction 320803: Check cable, plug, injector, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BD004	Engine uppercarr. Actuation injection cylinder 14 Increase time too large no reaction 320804: Check cable, plug, injector, engine control unit	A750		E	1
8BD005	Engine uppercarr. Actuation injection cylinder 14 Cyl. Overlap Engine shut off 320805: Load new software in engine control unit	A750		E	1
8BD006	Engine uppercarr. Actuation injection cylinder 14 No fly time measured no reaction 320806: Check cable, plug, injector, engine control unit	A750		E	1
8BD007	Engine uppercarr. Actuation injection cylinder 14 Fly time too small no reaction 320807: Check cable, plug, injector, engine control unit	A750		E	1
8BD008	Engine uppercarr. Actuation injection cylinder 14 Fly time too large no reaction 320808: Check cable, plug, injector, engine control unit	A750		E	1
8BD100	Engine uppercarr. Actuation injection cylinder 15 Interruption or current remeasuring erroneous no reaction 320900: Check cable, plug, injector, engine control unit	A750		E	1
8BD101	Engine uppercarr. Actuation injection cylinder 15 Maximum current ground switch exceeded Injector unit is not energized 320901: Check cable, plug, injector, engine control unit	A750		E	1
8BD102	Engine uppercarr. Actuation injection cylinder 15 Maximum current Plus switch exceeded Injector unit is not energized 320902: Check cable, plug, injector, engine control unit	A750		E	1
8BD103	Engine uppercarr. Actuation injection cylinder 15 No increase time measured no reaction 320903: Check cable, plug, injector, engine control unit	A750		E	1
8BD104	Engine uppercarr. Actuation injection cylinder 15 Increase time too large no reaction 320904: Check cable, plug, injector, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BD105	Engine uppercarr. Actuation injection cylinder 15 Cyl. Overlap Engine shut off 320905: Load new software in engine control unit	A750		E	1
8BD106	Engine uppercarr. Actuation injection cylinder 15 No fly time measured no reaction 320906: Check cable, plug, injector, engine control unit	A750		E	1
8BD107	Engine uppercarr. Actuation injection cylinder 15 Fly time too small no reaction 320907: Check cable, plug, injector, engine control unit	A750		E	1
8BD108	Engine uppercarr. Actuation injection cylinder 15 Fly time too large no reaction 320908: Check cable, plug, injector, engine control unit	A750		E	1
8BD200	Engine uppercarr. Actuation injection cylinder 16 Interruption or current remeasuring erroneous no reaction 321000: Check cable, plug, injector, engine control unit	A750		E	1
8BD201	Engine uppercarr. Actuation injection cylinder 16 Maximum current ground switch exceeded Injector unit is not energized 321001: Check cable, plug, injector, engine control unit	A750		E	1
8BD202	Engine uppercarr. Actuation injection cylinder 16 Maximum current Plus switch exceeded Injector unit is not energized 321002: Check cable, plug, injector, engine control unit	A750		E	1
8BD203	Engine uppercarr. Actuation injection cylinder 16 No increase time measured no reaction 321003: Check cable, plug, injector, engine control unit	A750		E	1
8BD204	Engine uppercarr. Actuation injection cylinder 16 Increase time too large no reaction 321004: Check cable, plug, injector, engine control unit	A750		E	1
8BD205	Engine uppercarr. Actuation injection cylinder 16 Cyl. Overlap Engine shut off 321005: Load new software in engine control unit	A750		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BD206	Engine uppercarr. Actuation injection cylinder 16 No fly time measured no reaction 321006: Check cable, plug, injector, engine control unit	A750		E	1
8BD207	Engine uppercarr. Actuation injection cylinder 16 Fly time too small no reaction 321007: Check cable, plug, injector, engine control unit	A750		E	1
8BD208	Engine uppercarr. Actuation injection cylinder 16 Fly time too large no reaction 321008: Check cable, plug, injector, engine control unit	A750		E	1
8BD400	Engine uppercarr. Injection system Cylinder error Engine shut off 321200: Check cable, plug, injector, engine control unit	A750		E	1
8BD401	Engine uppercarr. Injection system Overlap of injection on cyl. bank A Engine shut off 321201: Load new software in engine control unit	A750		E	1
8BD402	Engine uppercarr. Injection system Overlap of injection on cyl. bank B Engine shut off 321202: Load new software in engine control unit	A750		E	1
8BD403	Engine uppercarr. Injection system Overlap of injection on cyl. bank C Engine shut off 321203: Load new software in engine control unit	A750		E	1
8BD404	Engine uppercarr. Injection system Overlap of injection on cyl. bank D Engine shut off 321204: Load new software in engine control unit	A750		E	1
8BD500	Engine uppercarr. Rpm monitoring Rpm sensor 1 has warning threshold exceeded no reaction 321300: Check engine op.(overspeed due to push op.)	A750		E	1
8BD501	Engine uppercarr. Rpm monitoring Rpm sensor 2 has warning threshold exceeded no reaction 321301: Check engine op.(overspeed due to push op.)	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BD502	Engine uppercarr. Rpm monitoring Rpm sensor 1 has safety threshold exceeded Engine shut off 321302: Check engine op.(overspeed due to push op.)	A750		E	1
8BD503	Engine uppercarr. Rpm monitoring Rpm sensor 2 has safety threshold exceeded Engine shut off 321303: Check engine op.(overspeed due to push op.)	A750		E	1
8BD504	Engine uppercarr. Rpm monitoring Warning threshold exceeded no reaction 321304: Check engine op.(overspeed due to push op.)	A750		E	2
8BD505	Engine uppercarr. Rpm monitoring Safety threshold exceeded Engine shut off 321305: Check engine op.(overspeed due to push op.)	A750		E	2
8BD600	Engine uppercarr. Synchronization Rpm signals No synchronization no reaction 321400: Turn ignition off/on, check rpm and camshaft sensor	A750		E	1
8BD601	Engine uppercarr. Synchronization Rpm signals Incorrect distance gap <> Phase sensor no reaction 321401: Turn ignition off/on, check rpm and camshaft sensor	A750		E	1
8BD602	Engine uppercarr. Synchronization Rpm signals Tooth number (Impulse number) wrong Engine start not possible 321402: Turn ignition off/on, check teeth on flywheel, check rpm sensor	A750		E	1
8BD603	Engine uppercarr. Synchronization Rpm signals not possible, Rpm too low no reaction 321403: Turn ignition off/on, check rpm and camshaft sensor	A750		E	1
8BD604	Engine uppercarr. Synchronization Rpm signals Index counter cam shaft gear erroneous no reaction 321404: Turn ignition off/on, check rpm and camshaft sensor	A750		E	1
8BD700	Engine uppercarr. RPM sensor 1 Signal lost Engine output reduced. Rpm recording via redundant sensor, otherwise em. shut off 321500: Distance of rpm sensor to flywheel (0.5-2.0 mm), wiring to rpm sensor, rpm sensor	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BD701	Engine uppercarr. RPM sensor 1 No signal Engine output reduced. Rpm recording via redundant sensor, otherwise em. shut off 321501: Distance of rpm sensor to flywheel (0.5-2.0 mm), wiring to rpm sensor, rpm sensor	A750		E	1
8BD702	Engine uppercarr. RPM sensor 1 Permissible signal difference within test interval exceeded Engine output reduced. Rpm recording via redundant sensor, otherwise em. shut off 321502: Distance of rpm sensor to flywheel (0.5-2.0 mm), flywheel, wiring to rpm sensor, rpm sensor	A750		E	1
8BD703	Engine uppercarr. RPM sensor 1 Limit frequency exceeded Engine output reduced. Rpm recording via redundant sensor, otherwise em. shut off 321503: Distance of rpm sensor to flywheel (0.5-2.0 mm), flywheel, wiring to rpm sensor, rpm sensor	A750		E	1
8BD704	Engine uppercarr. RPM sensor 1 Sensor not polarized Em. Shut off at simult. failure of both Rpm sensors 321504: Check rpm sensor inst., engine control unit	A750		E	1
8BD705	Engine uppercarr. RPM sensor 1 Measurement erroneous Engine output reduced. Rpm recording via redundant sensor, otherwise em. shut off 321505: Check rpm sensor inst., engine control unit	A750		E	1
8BD800	Engine uppercarr. RPM sensor 2 Signal lost Em. Shut off at simult. failure of both Rpm sensors 321600: Distance of rpm sensor to flywheel (0.5-2.0 mm), wiring to rpm sensor, rpm sensor	A750		E	1
8BD801	Engine uppercarr. RPM sensor 2 No signal Em. Shut off at simult. failure of both Rpm sensors 321601: Distance of rpm sensor to flywheel (0.5-2.0 mm), wiring to rpm sensor, rpm sensor	A750		E	1
8BD802	Engine uppercarr. RPM sensor 2 Permissible signal difference within test interval exceeded Em. Shut off at simult. failure of both Rpm sensors 321602: Distance of rpm sensor to flywheel (0.5-2.0 mm), flywheel, wiring to rpm sensor, rpm sensor	A750		E	1
8BD803	Engine uppercarr. RPM sensor 2 Limit frequency exceeded Em. Shut off at simult. failure of both Rpm sensors 321603: Distance of rpm sensor to flywheel (0.5-2.0 mm), flywheel, wiring to rpm sensor, rpm sensor	A750		E	1
8BD804	Engine uppercarr. RPM sensor 2 Sensor not polarized Em. Shut off at simult. failure of both Rpm sensors 321604: Check rpm sensor inst., sensor.	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BD805	Engine uppercarr. RPM sensor 2 Measurement erroneous RPM determination via functioning sensor. 321605: Check rpm sensor inst., sensor.	A750		E	1
8BD900	Engine uppercarr. Index sensor Signal lost Em. Shut off at simult. failure of both Rpm sensors 321700: Distance of rpm sensor to flywheel (0.5-2.0 mm), wiring to rpm sensor, rpm sensor	A750		E	1
8BD901	Engine uppercarr. Index sensor No signal Em. Shut off at simult. failure of both Rpm sensors 321701: Distance of rpm sensor to flywheel (0.5-2.0 mm), wiring to rpm sensor, rpm sensor	A750		E	1
8BD902	Engine uppercarr. Index sensor Permissible signal difference within test interval exceeded Em. Shut off at simult. failure of both Rpm sensors 321702: Distance of rpm sensor to flywheel (0.5-2.0 mm), flywheel, wiring to rpm sensor, rpm sensor	A750		E	1
8BD903	Engine uppercarr. Index sensor Limit frequency exceeded Em. Shut off at simult. failure of both Rpm sensors 321703: Distance of rpm sensor to flywheel (0.5-2.0 mm), flywheel, wiring to rpm sensor, rpm sensor	A750		E	1
8BD904	Engine uppercarr. Index sensor Sensor not polarized Em. Shut off at simult. failure of both Rpm sensors 321704: Check rpm sensor inst., sensor.	A750		E	1
8BD905	Engine uppercarr. Index sensor Measurement erroneous RPM determination via functioning sensor. 321705: Check rpm sensor inst., sensor.	A750		E	1
8BDA04	Engine uppercarr. Lambda-Measurement Regulation deviation, Lambda value too low Warning light on 321804: - Ground current sensor - Lambda Sensor - exhaust return	A750		E	1
8BDA05	Engine uppercarr. Lambda-Measurement Regulation deviation, Lambda value too high Warning light on 321805: - Ground current sensor - Lambda Sensor - exhaust return	A750		E	1
8BDA07	Engine uppercarr. Lambda-Measurement EGR Flow between Bank 1 and Bank 2 very asymmetric Warning light on 321807: Clean / replace actuator, check lines/linkage	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BDB04	Engine uppercarr. Lambda-Measurement Permanent regulation deviation, Lambda value too low Warning light on 321904: - Ground current sensor - Lambda Sensor - exhaust return	A750		E	1
8BDB05	Engine uppercarr. Lambda-Measurement Permanent regulation deviation, Lambda value too high Warning light on 321905: - Ground current sensor - Lambda Sensor - exhaust return	A750		E	1
8BDC04	Engine uppercarr. charge air pressure minimum limit value fallen below Warning light on 322004: Check intake system for leaks	A750		E	1
8BDC05	Engine uppercarr. charge air pressure maximum limit value exceeded Warning light on 322005: Check for stuck Wastegate	A750		E	1
8BE200	Engine uppercarr. Injection system 2 Cylinder error Slave Modules not running (there will be no injection on this module) 322600: Check cable, plug, injector, engine control unit	A750		E	1
8BE201	Engine uppercarr. Injection system 2 Overlap of injection on cyl. bank A Slave Modules not running (there will be no injection on this module) 322601: Load new software in engine control unit	A750		E	1
8BE202	Engine uppercarr. Injection system 2 Overlap of injection on cyl. bank B Slave Modules not running (there will be no injection on this module) 322602: Load new software in engine control unit	A750		E	1
8BE203	Engine uppercarr. Injection system 2 Overlap of injection on cyl. bank C Slave Modules not running (there will be no injection on this module) 322603: Load new software in engine control unit	A750		E	1
8BE204	Engine uppercarr. Injection system 2 Overlap of injection on cyl. bank D Slave Modules not running (there will be no injection on this module) 322604: Load new software in engine control unit	A750		E	1
8BE205	Engine uppercarr. Injection system 2 Plus switch cyl. bank A Short circuit after ground no reaction 322605: Check cable, plug, injector, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BE206	Engine uppercarr. Injection system 2 Plus switch cyl. bank B Short circuit after ground no reaction 322606: Check cable, plug, injector, engine control unit	A750		E	1
8BE207	Engine uppercarr. Injection system 2 Plus switch cyl. bank A short circuit after supply voltage no reaction 322607: Check cable, plug, injector, engine control unit	A750		E	1
8BE208	Engine uppercarr. Injection system 2 Plus switch cyl. bank B short circuit after supply voltage no reaction 322608: Check cable, plug, injector, engine control unit	A750		E	1
8BE209	Engine uppercarr. Injection system 2 Ground switch cyl. bank A Short circuit after ground At CR-Motor Shut off of Bank A on Slave Module 322609: Check cable, plug, injector, engine control unit	A750		E	1
8BE20A	Engine uppercarr. Injection system 2 Ground switch cyl. bank B Short circuit after ground At CR-Motor Shut off of Bank B on Slave Module 322610: Check cable, plug, injector, engine control unit	A750		E	1
8BE20B	Engine uppercarr. Injection system 2 Ground switch cyl. bank A short circuit after supply voltage no reaction 322611: Check cable, plug, injector, engine control unit	A750		E	1
8BE20C	Engine uppercarr. Injection system 2 Ground switch cyl. bank B short circuit after supply voltage no reaction 322612: Check cable, plug, injector, engine control unit	A750		E	1
8BE300	Engine uppercarr. Synchronization Rpm signals System 2 No synchronization no reaction 322700: Turn ignition off/on, check rpm and camshaft sensor	A750		E	1
8BE301	Engine uppercarr. Synchronization Rpm signals System 2 Incorrect distance gap <-> Phase sensor no reaction 322701: Turn ignition off/on, check rpm and camshaft sensor	A750		E	1
8BE302	Engine uppercarr. Synchronization Rpm signals System 2 Tooth number (Impulse number) wrong Slave Modules not running (there will be no injection on this module) 322702: Turn ignition off/on, check teeth on flywheel, rpm sensor	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BE303	Engine uppercarr. Synchronization Rpm signals System 2 not possible, Rpm too low no reaction 322703: Turn ignition off/on, check rpm and camshaft sensor	A750		E	1
8BE304	Engine uppercarr. Synchronization Rpm signals System 2 Index counter cam shaft gear erroneous no reaction 322704: Turn ignition off/on, check rpm and camshaft sensor	A750		E	1
8BE400	Engine uppercarr. Rpm sensor 1 System 2 Signal lost Engine output reduced. Rpm recording via camshaft sensor if o.k. 322800: Distance of rpm sensor to flywheel (0.5-2.0 mm), wiring to rpm sensor, rpm sensor	A750		E	1
8BE401	Engine uppercarr. Rpm sensor 1 System 2 No signal Engine output reduced. Rpm recording via camshaft sensor if o.k. 322801: Distance of rpm sensor to flywheel (0.5-2.0 mm), wiring to rpm sensor, rpm sensor	A750		E	1
8BE402	Engine uppercarr. Rpm sensor 1 System 2 Permissible signal difference within test interval exceeded Engine output reduced. Rpm recording via camshaft sensor if o.k. 322802: Distance of rpm sensor to flywheel (0.5-2.0 mm), flywheel, wiring to rpm sensor, rpm sensor	A750		E	1
8BE403	Engine uppercarr. Rpm sensor 1 System 2 Limit frequency exceeded Engine output reduced. Rpm recording via camshaft sensor if o.k. 322803: Distance of rpm sensor to flywheel (0.5-2.0 mm), flywheel, wiring to rpm sensor, rpm sensor	A750		E	1
8BE404	Engine uppercarr. Rpm sensor 1 System 2 Sensor not polarized Emerg. Shut off of Slave-Module only with simult. failure of both Rpm sensors 322804: Check rpm sensor inst., engine control unit	A750		E	1
8BE405	Engine uppercarr. Rpm sensor 1 System 2 Measurement erroneous Engine output reduced. Rpm recording via camshaft sensor if o.k. 322805: Check rpm sensor inst., engine control unit	A750		E	1
8BE500	Engine uppercarr. Rpm sensor 2 System 2 Signal lost Emerg. Shut off of Slave-Module only with simult. failure of both Rpm sensors 322900: Distance of rpm sensor to flywheel (0.5-2.0 mm), wiring to rpm sensor, rpm sensor	A750		E	1
8BE501	Engine uppercarr. Rpm sensor 2 System 2 No signal Emerg. Shut off of Slave-Module only with simult. failure of both Rpm sensors 322901: Distance of rpm sensor to flywheel (0.5-2.0 mm), wiring to rpm sensor, rpm sensor	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BE502	Engine uppercarr. Rpm sensor 2 System 2 Permissible signal difference within test interval exceeded Emerg. Shut off of Slave-Module only with simult. failure of both Rpm sensors 322902: Distance of rpm sensor to flywheel (0.5-2.0 mm), flywheel, wiring to rpm sensor, rpm sensor	A750		E	1
8BE503	Engine uppercarr. Rpm sensor 2 System 2 Limit frequency exceeded Emerg. Shut off of Slave-Module only with simult. failure of both Rpm sensors 322903: Distance of rpm sensor to flywheel (0.5-2.0 mm), flywheel, wiring to rpm sensor, rpm sensor	A750		E	1
8BE504	Engine uppercarr. Rpm sensor 2 System 2 Sensor not polarized Emerg. Shut off of Slave-Module only with simult. failure of both Rpm sensors 322904: Check rpm sensor inst., sensor.	A750		E	1
8BE505	Engine uppercarr. Rpm sensor 2 System 2 Measurement erroneous RPM determination via functioning sensor. 322905: Check rpm sensor inst., sensor.	A750		E	1
8BE600	Engine uppercarr. Index sensor System 2 Signal lost Emerg. Shut off of Slave-Module only with simult. failure of both Rpm sensors 323000: Distance of rpm sensor to flywheel (0.5-2.0 mm), wiring to rpm sensor, rpm sensor	A750		E	1
8BE601	Engine uppercarr. Index sensor System 2 No signal Emerg. Shut off of Slave-Module only with simult. failure of both Rpm sensors 323001: Distance of rpm sensor to flywheel (0.5-2.0 mm), wiring to rpm sensor, rpm sensor	A750		E	1
8BE602	Engine uppercarr. Index sensor System 2 Permissible signal difference within test interval exceeded Emerg. Shut off of Slave-Module only with simult. failure of both Rpm sensors 323002: Distance of rpm sensor to flywheel (0.5-2.0 mm), flywheel, wiring to rpm sensor, rpm sensor	A750		E	1
8BE603	Engine uppercarr. Index sensor System 2 Limit frequency exceeded Emerg. Shut off of Slave-Module only with simult. failure of both Rpm sensors 323003: Distance of rpm sensor to flywheel (0.5-2.0 mm), flywheel, wiring to rpm sensor, rpm sensor	A750		E	1
8BE604	Engine uppercarr. Index sensor System 2 Sensor not polarized Emerg. Shut off of Slave-Module only with simult. failure of both Rpm sensors 323004: Check rpm sensor inst., sensor	A750		E	1
8BE605	Engine uppercarr. Index sensor System 2 Measurement erroneous RPM determination via functioning sensor. 323005: Check rpm sensor inst., sensor.	A750		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BE700	Engine uppercarr. Hardware temperature sensor control unit 2 Short circuit after ground or broken wire Benutzung des Ersatzwertes. 323100: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8BE701	Engine uppercarr. Hardware temperature sensor control unit 2 Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 323101: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8BE702	Engine uppercarr. Hardware temperature sensor control unit 2 Sensor supply voltage short circuit after ground or broken wire Benutzung des Ersatzwertes. 323102: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8BE703	Engine uppercarr. Hardware temperature sensor control unit 2 Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 323103: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8BE704	Engine uppercarr. Hardware temperature sensor control unit 2 Sensor signal outside permissible range 1 Benutzung des Ersatzwertes. 323104: Check operational status of engine	A750		E	1
8BE705	Engine uppercarr. Hardware temperature sensor control unit 2 Sensor signal outside permissible range 2 Benutzung des Ersatzwertes. 323105: Check operational status of engine	A750		E	1
8BE706	Engine uppercarr. Hardware temperature sensor control unit 2 Plausibility error at engine off no reaction 323106: Check operational status of engine	A750		E	1
8BE800	Engine uppercarr. Hardware temperature sensor control unit 2 CPU Short circuit after ground or broken wire Benutzung des Ersatzwertes. 323200: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8BE801	Engine uppercarr. Hardware temperature sensor control unit 2 CPU Sensor signal short circuit after supply voltage Benutzung des Ersatzwertes. 323201: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8BE802	Engine uppercarr. Hardware temperature sensor control unit 2 CPU Sensor supply voltage short circuit after ground or broken wir Benutzung des Ersatzwertes. 323202: Turn ignition off/on, possibly replace engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BE803	Engine uppercarr. Hardware temperature sensor control unit 2 CPU Sensor supply voltage short circuit after supply voltage Benutzung des Ersatzwertes. 323203: Turn ignition off/on, possibly replace engine control unit	A750		E	1
8BE804	Engine uppercarr. Hardware temperature sensor control unit 2 CPU Sensor signal outside permissible range 1 Benutzung des Ersatzwertes. 323204: Check operational status of engine	A750		E	1
8BE805	Engine uppercarr. Hardware temperature sensor control unit 2 CPU Sensor signal outside permissible range 2 Benutzung des Ersatzwertes. 323205: Check operational status of engine	A750		E	1
8BE806	Engine uppercarr. Hardware temperature sensor control unit 2 CPU Plausibility error at engine off no reaction 323206: Check operational status of engine	A750		E	1
8BE900	Engine uppercarr. Internal error control unit 2 Stack-overflow Slave Modules not running (there will be no injection on this module) 323300: Load new software in engine control unit or replace engine control unit	A750		E	1
8BE901	Engine uppercarr. Internal error control unit 2 Exception error Slave Modules not running (there will be no injection on this module) 323301: Load new software in engine control unit or replace engine control unit	A750		E	1
8BE902	Engine uppercarr. Internal error control unit 2 Program test Slave Modules not running (there will be no injection on this module) 323302: Load new software in engine control unit or replace engine control unit	A750		E	1
8BE903	Engine uppercarr. Internal error control unit 2 RAM-Test Slave Modules not running (there will be no injection on this module) 323303: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8BE904	Engine uppercarr. Internal error control unit 2 Overflow in error stack no reaction 323304: Load new software in engine control unit or replace engine control unit	A750		E	1
8BE905	Engine uppercarr. Internal error control unit 2 Comp. time error no reaction 323305: Load new software in engine control unit or replace engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BE906	Engine uppercarr. Internal error control unit 2 Error-Index too large The error cannot be saved 323306: Load new software in engine control unit or replace engine control unit	A750		E	1
8BEA00	Engine uppercarr. Control unit 2 defective (Memory EEPROM) Error at EEPROM-access Slave Modules not running (there will be no injection on this module) 323400: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8BEA01	Engine uppercarr. Control unit 2 defective (Memory EEPROM) Check sum error Parameter memory Slave Modules not running (there will be no injection on this module) 323401: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8BEA02	Engine uppercarr. Control unit 2 defective (Memory EEPROM) Parameter memory in EEPROM is invalid Slave Modules not running (there will be no injection on this module) 323402: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8BEA03	Engine uppercarr. Control unit 2 defective (Memory EEPROM) Check sum error ECU-Page No reaction - possibly data sets or operating conditions could not be saved 323403: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8BEA04	Engine uppercarr. Control unit 2 defective (Memory EEPROM) Check sum error NMI-Page No reaction - possibly data sets or operating conditions could not be saved 323404: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8BEA05	Engine uppercarr. Control unit 2 defective (Memory EEPROM) Check sum error Workdata-Page No reaction - possibly data sets or operating conditions could not be saved 323405: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8BEA06	Engine uppercarr. Control unit 2 defective (Memory EEPROM) Check sum error load collective No reaction - possibly load collective data could not be saved 323406: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8BEA07	Engine uppercarr. Control unit 2 defective (Memory EEPROM) Structure size of load collective has changed No reaction - possibly load collective data could not be saved 323407: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8BEA08	Engine uppercarr. Control unit 2 defective (Memory EEPROM) EEPROM-Memory full (load collective) No reaction - possibly load collective data could not be saved 323408: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BEA09	Engine uppercarr. Control unit 2 defective (Memory EEPROM) Check sum error permanent Data No reaction - possibly data sets or operating conditions could not be saved 323409: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8BEB00	Engine uppercarr. Voltage supply System 2 voltage below required value Slave Modules not running (there will be no injection on this module) 323500: Check on board network(battery, alternator, wiring, plug).	A750		E	1
8BEB01	Engine uppercarr. Voltage supply System 2 excess voltage Slave Modules not running (there will be no injection on this module) 323501: Check on board network (battery, alternator, wiring, plug)	A750		E	1
8BEB02	Engine uppercarr. Voltage supply System 2 Digital outlet short circuit after supply voltage Slave Modules not running (there will be no injection on this module) 323502: Check wiring, engine control unit, possibly replace engine control unit	A750		E	1
8BEB03	Engine uppercarr. Voltage supply System 2 Error release output outlets Slave Modules not running (there will be no injection on this module) 323503: Check wiring, engine control unit, possibly replace engine control unit	A750		E	1
8BEB04	Engine uppercarr. Voltage supply System 2 PS1-Pin erroneous/missing Slave Modules not running (there will be no injection on this module) 323504: Check on board network in ref. to PS1 (terminal 30/31), engine control unit	A750		E	1
8BEB05	Engine uppercarr. Voltage supply System 2 Reference voltage 12V below permissible range Slave Modules not running (there will be no injection on this module) 323505: Check supply voltage Rpm sensors, on board network, engine control unit	A750		E	1
8BEB06	Engine uppercarr. Voltage supply System 2 Reference voltage 12V above permissible range Slave Modules not running (there will be no injection on this module) 323506: Check supply voltage Rpm sensors, on board network, engine control unit	A750		E	1
8BEC00	Engine uppercarr. Control unit 2 defective (FLASH-Memory) Check sum error Parameter memory Slave Modules not running (there will be no injection on this module) 323600: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8BEC01	Engine uppercarr. Control unit 2 defective (FLASH-Memory) Invalid data, default values are used Slave Modules not running (there will be no injection on this module) 323601: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BEC02	Engine uppercarr. Control unit 2 defective (FLASH-Memory) Error during delete Slave Modules not running (there will be no injection on this module) 323602: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8BEC03	Engine uppercarr. Control unit 2 defective (FLASH-Memory) Error during programming Slave Modules not running (there will be no injection on this module) 323603: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8BEC04	Engine uppercarr. Control unit 2 defective (FLASH-Memory) Error during check Slave Modules not running (there will be no injection on this module) 323604: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8BEC05	Engine uppercarr. Control unit 2 defective (FLASH-Memory) Data inconsistent Slave Modules not running (there will be no injection on this module) 323605: Turn ignition off/on, if error not remedied, replace engine control unit	A750		E	1
8BED00	Engine uppercarr. Outlet engine rpm System 2 Broken wire or Short circuit after ground  323700: Check wiring harness, plug, conn. Modul	A750		E	1
8BED01	Engine uppercarr. Outlet engine rpm System 2 Broken wire or short circuit after supply voltage  323701: Check wiring harness, plug, conn. Modul	A750		E	1
8BEE00	Engine uppercarr. Safety checks (SIL) Access error Data memory Engine stop, Start lock 323800: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BEE01	Engine uppercarr. Safety checks (SIL) Access error Data memory Engine stop, Start lock 323801: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BEE02	Engine uppercarr. Safety checks (SIL) Access error Data memory Engine stop, Start lock 323802: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BEE03	Engine uppercarr. Safety checks (SIL) Emerg. shut off (DI6) Engine stop, Start lock 323803: Turn ignition on / off, Update or replace engine control unit	A750		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BEE04	Engine uppercarr. Safety checks (SIL) Emerg. shut off (Level DI6) Engine stop, Start lock 323804: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BEE05	Engine uppercarr. Safety checks (SIL) Plausibility error status KI.15 <=> emerg. stop Engine stop, Start lock 323805: Deactivate emerg. stop and turn ignition on / off	A750		E	2
8BEE06	Engine uppercarr. Safety checks (SIL) Plausibility error Monitoring KI.15 Engine stop, Start lock 323806: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BEE07	Engine uppercarr. Safety checks (SIL) Plausibility error Monitoring KI.15 Engine stop, Start lock 323807: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BEE08	Engine uppercarr. Safety checks (SIL) Reference voltage 1.5 V ADC/DMA erroneous Engine stop, Start lock 323808: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BEE09	Engine uppercarr. Safety checks (SIL) Error in program run control Engine stop, Start lock 323809: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BEE0A	Engine uppercarr. Safety checks (SIL) Error in program run control Engine stop, Start lock 323810: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BEE0B	Engine uppercarr. Safety checks (SIL) Error in program run control Engine stop, Start lock 323811: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BEE0D	Engine uppercarr. Safety checks (SIL) Internal error data memory (checksum flash) Engine stop, Start lock 323813: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BEF00	Engine uppercarr. Safety checks (SIL) Internal error data memory (checksum Parameter) Engine stop, Start lock 323900: Load valid data set	A750		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BEF01	Engine uppercarr. Safety checks (SIL) Internal error data memory (Safety buffer) Engine stop, Start lock 323901: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BEF02	Engine uppercarr. Safety checks (SIL) Plausibility error Monitoring PS1-Pin Engine stop, Start lock 323902: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BEF03	Engine uppercarr. Safety checks (SIL) Plausibility error Monitoring PS1-Pin Engine stop, Start lock 323903: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BEF04	Engine uppercarr. Safety checks (SIL) Plausibility error Monitoring KI.50 Engine stop, Start lock 323904: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BEF05	Engine uppercarr. Safety checks (SIL) Plausibility error Monitoring air flap Engine stop, Start lock 323905: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BEF06	Engine uppercarr. Safety checks (SIL) Injector Bank A permanently energized Engine stop, Start lock 323906: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BEF07	Engine uppercarr. Safety checks (SIL) Injector Bank B permanently energized Engine stop, Start lock 323907: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BEF08	Engine uppercarr. Safety checks (SIL) Injector Bank C permanently energized Engine stop, Start lock 323908: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BEF09	Engine uppercarr. Safety checks (SIL) Injector Bank D permanently energized Engine stop, Start lock 323909: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BEF0A	Engine uppercarr. Safety checks (SIL) Injector excessive current Engine stop, Start lock 323910: Turn ignition on / off, Update or replace engine control unit	A750		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BEF0B	Engine uppercarr. Safety checks (SIL) Plausibility error Monitoring PS2-Pin Engine stop, Start lock 323911: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BEF0C	Engine uppercarr. Safety checks (SIL) Max. temperature injector exceeded Engine stop, Start lock 323912: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BEF0D	Engine uppercarr. Safety checks (SIL) Internal error CPU (excessive temperature) Engine stop, Start lock 323913: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BF000	Engine uppercarr. Safety checks (SIL) Plausibility error rpm monitoring Engine stop, Start lock 324000: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BF001	Engine uppercarr. Safety checks (SIL) all rpm signals erroneous/missing Engine stop, Start lock 324001: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BF002	Engine uppercarr. Safety checks (SIL) Crankshaft signals erroneous/implausible (Signal sample) Engine stop, Start lock 324002: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BF003	Engine uppercarr. Safety checks (SIL) Crankshaft signals erroneous/implausible (failure) Engine stop, Start lock 324003: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BF004	Engine uppercarr. Safety checks (SIL) Crankshaft signals erroneous/implausible (difference) Engine stop, Start lock 324004: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BF005	Engine uppercarr. Safety checks (SIL) Nockenwellensignale erroneous/implausible (Signal sample) Engine stop, Start lock 324005: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BF006	Engine uppercarr. Safety checks (SIL) Nockenwellensignale erroneous/implausible (failure) Engine stop, Start lock 324006: Turn ignition on / off, Update or replace engine control unit	A750		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BF007	Engine uppercarr. Safety checks (SIL) Nockenwellensignale erroneous/implausible (difference) Engine stop, Start lock 324007: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BF008	Engine uppercarr. Safety checks (SIL) Reference voltage 12V outside permissible range Engine stop, Start lock 324008: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BF009	Engine uppercarr. Safety checks (SIL) Incorrect software or hardware version (not SIL-able) Engine stop, Start lock 324009: Replace control unit	A750		E	2
8BF00A	Engine uppercarr. Safety checks (SIL) Incorrect hardware version (not SIL-able) Engine stop, Start lock 324010: Replace control unit	A750		E	2
8BF00B	Engine uppercarr. Safety checks (SIL) Temperature difference between injector / end stage too high Engine stop, Start lock 324011: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BF100	Engine uppercarr. Safety checks (SIL) Internal software error (incorrect Parameter) Engine stop, Start lock 324100: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BF105	Engine uppercarr. Safety checks (SIL) Starter turns without actuation Engine stop, Start lock 324105: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BF106	Engine uppercarr. Safety checks (SIL) Injectors do not turn off Engine stop, Start lock 324106: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BF107	Engine uppercarr. Safety checks (SIL) Fatal internal error (Monitoring Status machine) Engine stop, Start lock 324107: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BF108	Engine uppercarr. Safety checks (SIL) Configuration error Vehicle-CAN Engine stop, Start lock 324108: Turn ignition on / off, Update or replace engine control unit	A750		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BF109	Engine uppercarr. Safety checks (SIL) Dateneübertragung Vehicle -CAN gestoert Engine stop, Start lock 324109: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BF10A	Engine uppercarr. Safety checks (SIL) Plausibility error Signals Vehicle -CAN Engine stop, Start lock 324110: Turn ignition on / off, Update or replace engine control unit	A750		E	2
8BF200	Engine uppercarr. SCR-control unit Hardware error metering unit No measures or pump is in off mode 324200:	A750		E	1
8BF201	Engine uppercarr. SCR-control unit Metering unit outside permissible limits Pump is in off mode 324201: No measures, error due to environmental cond.	A750		E	1
8BF202	Engine uppercarr. SCR-control unit mechanical error metering unit Pump is in off mode 324202: Check meter	A750		E	1
8BF203	Engine uppercarr. SCR-control unit Memory error metering unit Pump is in off mode 324203: Calibrate meter, if error present always, flash meters	A750		E	1
8BF204	Engine uppercarr. SCR-control unit Urea pressure, output line no reaction 324204: Check outgoing line and its conn.	A750		E	1
8BF205	Engine uppercarr. SCR-control unit Urea pressure, input line No measures or pump is in off mode 324205: Check input line and its connections	A750		E	1
8BF206	Engine uppercarr. SCR-control unit Urea pressure, nozzle no reaction 324206: Check the spray on nozzle	A750		E	1
8BF207	Engine uppercarr. SCR-control unit Urea pressure, injector Pump is in off mode 324207: Check both pins of plugs, if not short circuited, replace bad units	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BF208	Engine uppercarr. SCR-control unit Control unit error, CAN-communication, display No measures or pump is in off mode 324208: Check CAN-connections	A750		E	1
8BF209	Engine uppercarr. SCR-control unit Battery voltage outside permissible limits Pump is in off mode 324209: Check supply voltage	A750		E	1
8BF20A	Engine uppercarr. SCR-control unit Temperature CAT, Sensor inflow outside permissible limits Pump is in off mode 324210: No measures, error due to environmental cond.	A750		E	1
8BF20B	Engine uppercarr. SCR-control unit Temperature CAT, Sensor inflow erroneous Pump is in off mode 324211: Check both pins of plugs, if not short circuited, replace bad units	A750		E	1
8BF20C	Engine uppercarr. SCR-control unit TemperatureCAT, Sensor outflow outside permissible limits Pump is in off mode 324212: No measures, error due to environmental cond.	A750		E	1
8BF20D	Engine uppercarr. SCR-control unit Temperature CAT, Sensor outflow erroneous Pump is in off mode 324213: Check both pins of plugs, if not short circuited, replace bad units	A750		E	1
8BF300	Engine uppercarr. SCR-control unit Tank sensor erroneous No measures or pump is in off mode 324300: Check both pins of plugs, if not short circuited, replace bad units	A750		E	1
8BF301	Engine uppercarr. SCR-control unit Tank sensor outside permissible range  324301: No measures, error due to environmental cond.	A750		E	1
8BF302	Engine uppercarr. SCR-control unit Line heating erroneous No measures, error due to environmental cond. 324302: Check both pins of plugs, if not short circuited, replace bad units	A750		E	1
8BF303	Engine uppercarr. SCR-control unit Line heating, temperature outside permissible range Pump is in off mode 324303: No measures, error due to environmental cond.	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BF304	Engine uppercarr. SCR-control unit Valve heat pump erroneous Pump is in off mode 324304: Defrost system	A750		E	1
8BF305	Engine uppercarr. SCR-control unit Communcation error NOx-Sensor inflow Pump is in off mode 324305: Check electr. conn. of SCR System	A750		E	1
8BF306	Engine uppercarr. SCR-control unit Heater and O2 NOx-Sensor inflow erroneous No measures or pump is in off mode 324306: Replace Upstream NOx Sensor	A750		E	1
8BF307	Engine uppercarr. SCR-control unit NOx-Sensor inflow erroneous No measures or pump is in off mode 324307: Check both pins of plugs, if not short circuited, replace bad units	A750		E	1
8BF308	Engine uppercarr. SCR-control unit Communcation error NOx-Sensor outflow Pump is in off mode 324308: Check electr. conn. of SCR System	A750		E	1
8BF309	Engine uppercarr. SCR-control unit Heater and O2 NOx-Sensor outflow erroneous No measures or pump is in off mode 324309: Replace downstream NOx Sensor	A750		E	1
8BF30A	Engine uppercarr. SCR-control unit NOx-Sensor outflow erroneous No measures or pump is in off mode 324310: Check both pins of plugs, if not short circuited, replace bad units	A750		E	1
8BF500	Engine uppercarr. Dosing unit 1 Urea "DEF" Depatronic fuel pressure Possibly regeneration not possible 324500: Check for plugged/ damaged nitrogen line or IV is closed blocked	A750		E	1
8BF501	Engine uppercarr. Dosing unit 1 Urea "DEF" Depatronic fuel pressure Possibly regeneration not possible 324501: Check nitrogen line for leaks or IV in open position blocked.	A750		E	1
8BF502	Engine uppercarr. Dosing unit 1 Urea "DEF" Depatronic fuel pressure Possibly regeneration not possible 324502: Check nitrogen supply	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BF503	Engine uppercarr. Dosing unit 1 Urea "DEF" Data transfer on CAN erroneous/missing Possibly regeneration not possible 324503: Check nitrogen supply line for leaks or plugs, check pump nitrogen supply	A750		E	1
8BF504	Engine uppercarr. Dosing unit 1 Urea "DEF" Electric defect on shut off valve Possibly regeneration not possible 324504: Broken line DCU 17 to test unit, visual check, moisture, wiring	A750		E	1
8BF505	Engine uppercarr. Dosing unit 1 Urea "DEF" System error control shut off valve Possibly regeneration not possible 324505: Shut off valve plugged: - replace MU, bleed system.	A750		E	1
8BF506	Engine uppercarr. Dosing unit 1 Urea "DEF" Back flow error on sensor pressure+temperature Possibly regeneration not possible 324506: Check nitrogen line for leaks or IV in open position blocked.	A750		E	1
8BF507	Engine uppercarr. Dosing unit 1 Urea "DEF" Back flow error on sensor pressure+temperature Possibly regeneration not possible 324507: Broken line DCU 17 to test unit, visual check, moisture, wiring	A750		E	1
8BF508	Engine uppercarr. Dosing unit 1 Urea "DEF" Electric defect on Dosing valve Possibly regeneration not possible 324508: Broken line DCU 17 to test unit, visual check, moisture, wiring	A750		E	1
8BF509	Engine uppercarr. Dosing unit 1 Urea "DEF" System error control Dosing valve Possibly regeneration not possible 324509: Changer MU, System Entlueften	A750		E	1
8BF50A	Engine uppercarr. Dosing unit 1 Urea "DEF" System error control Dosing valve Possibly regeneration not possible 324510: Metering valve opens too slow: - check power supply, - start system again change MU, bleed system	A750		E	1
8BF50B	Engine uppercarr. Dosing unit 1 Urea "DEF" Outflow error Pressure sensor Possibly regeneration not possible 324511: Broken line DCU 17 to pressure sensor, visual check, moisture, wiring	A750		E	1
8BF50C	Engine uppercarr. Dosing unit 1 Urea "DEF" Outflow error Pressure sensor Possibly regeneration not possible 324512: Downstream pressure sensor signal not plausible: - change MU, bleed system	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BF50D	Engine uppercarr. Dosing unit 1 Urea "DEF" Control unit injection system erroneous Possibly regeneration not possible 324513: Change U, bleed system	A750		E	1
8BF600	Engine uppercarr. Dosing unit 2 Urea "DEF" Depatronic fuel pressure Possibly regeneration not possible 324600: DCU17 wechseln	A750		E	1
8BF601	Engine uppercarr. Dosing unit 2 Urea "DEF" Depatronic fuel pressure Possibly regeneration not possible 324601: Check power supply of DCU17, replace control unit	A750		E	1
8BF602	Engine uppercarr. Dosing unit 2 Urea "DEF" Depatronic fuel pressure Possibly regeneration not possible 324602: Check Can connection lines incl. connections of connections	A750		E	1
8BF603	Engine uppercarr. Dosing unit 2 Urea "DEF" Data transfer on CAN erroneous/missing Possibly regeneration not possible 324603: Data from LIDEC incorrect, not present or not correct. Check LIDEC error stack.	A750		E	1
8BF604	Engine uppercarr. Dosing unit 2 Urea "DEF" Electric defect on shut off valve Possibly regeneration not possible 324604: Voltage supply of DCU17 is too high, check electr. Lines of DCU17 for short circuit	A750		E	1
8BF605	Engine uppercarr. Dosing unit 2 Urea "DEF" System error control shut off valve Possibly regeneration not possible 324605: Problem during System, check DCU17 error stack trouble shooting dep. failure	A750		E	1
8BF60A	Engine uppercarr. Dosing unit 2 Urea "DEF" System error control Dosing valve Possibly regeneration not possible 324610: Reset des HC-meters (KeyOff- wait 5 sec. - KeyOn)	A750		E	1
8BF60B	Engine uppercarr. Dosing unit 2 Urea "DEF" Outflow error Pressure sensor Possibly regeneration not possible 324611: Check application dating - check Software Version of HC-meter	A750		E	1
8BF60C	Engine uppercarr. Dosing unit 2 Urea "DEF" Outflow error Pressure sensor Possibly regeneration not possible 324612: Turn HC-meter off (wait 5 sec.), turn on, check Software version, replace HC-meter	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BF60D	Engine uppercarr. Dosing unit 2 Urea "DEF" Control unit injection system erroneous Possibly regeneration not possible 324613:	A750		E	1
8BF704	Engine uppercarr. Temperature monitoring "DOC" Minimum temperature fallen below Warning light on in operation no regeneration permitted 324704: Check HC meter, DOC, then carry out Service Regeneration	A750		E	1
8BF705	Engine uppercarr. Temperature monitoring "DOC" Maximum temperature exceeded Warning light on - in operation no regeneration permitted - power reduction 324705: Check HC meter, DOC, then carry out Service Regeneration	A750		E	1
8BF800	Engine uppercarr. Monitoring Particle filter "DPF" Oil in exhaust system Warning light on in operation no regeneration permitted 324800: Check: - DOC (possibly replace or turn over and service regeneration)	A750		E	1
8BF801	Engine uppercarr. Monitoring Particle filter "DPF" Maximum ash load reached Warning light on in operation no regeneration permitted 324801: Clean DPF or replace	A750		E	1
8BF802	Engine uppercarr. Monitoring Particle filter "DPF" Differnce pressure filter too high Warning light on- in operation no regeneration permitted possible power reduction 324802: Clean DPF or replace	A750		E	1
8BF803	Engine uppercarr. Monitoring Particle filter "DPF" Differnce pressure filter too low Warning light on - in operation no regeneration permitted - power reduction 324803: Replace DPF	A750		E	1
8BF804	Engine uppercarr. Monitoring Particle filter "DPF" Maximum number aborted heat phases exceeded Warning light on- in operation no regeneration permitted possible power reduction 324804: Request Service regeneration	A750		E	1
8BF805	Engine uppercarr. Monitoring Particle filter "DPF" Maximum number aborted regeneration phases exceeded Warning light on- in operation no regeneration permitted possible power reduction 324805: Request Service regeneration	A750		E	1
8BF806	Engine uppercarr. Monitoring Particle filter "DPF" Maximum temperature increase and max. temperature exceeded Warning light on 324806: Replace DPF	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BF807	Engine uppercarr. Monitoring Particle filter "DPF" Maximum temperature limit exceeded Warning light on 324807: Replace DPF	A750		E	1
8BF900	Engine uppercarr. OBD Error Ambient pressure sensor Error Use replacement value, no reaction 324900: Check op. status of engine, replace engine control unit	A750		E	1
8BF901	Engine uppercarr. OBD Error Ambient temperature sensor Error Use replacement value, no reaction 324901: Check wiring, control units, sensors	A750		E	1
8BF902	Engine uppercarr. OBD Error ChargeAir Temperature sensor Error Use replacement value, no reaction 324902: Check wiring, control units, sensors	A750		E	1
8BF903	Engine uppercarr. OBD Error Charge air pressure sensor error Use replacement value, no reaction 324903: Check wiring, control units, sensors	A750		E	1
8BF904	Engine uppercarr. OBD Error Error Pressure deviation charge air pr. regulator Warning light on 324904: Check intake system for leaks, Wastegate	A750		E	1
8BF905	Engine uppercarr. OBD Error Error restrictor flap Power reduction of Diesel engine 324905: Check wiring, control units, sensors	A750		E	1
8BF906	Engine uppercarr. OBD Error Rail pressure sensor 1 Error Power red. in case of failure of both Commonrail pr.sensors, otherwise no reaction, engine standstill after delay 324906: Check wiring, control units, sensors	A750		E	1
8BF907	Engine uppercarr. OBD Error Rail pressure sensor 2 Error Power red. in case of failure of both Commonrail pr.sensors, otherwise no reaction, engine standstill after delay 324907: Check wiring, control units, sensors	A750		E	1
8BF908	Engine uppercarr. OBD Error Pressure reg. valve (PCV) Error Possibly high pr. reg/ emerg. op. activated 324908: Check wiring harness, plug, CR-components2, engine control unit	A750		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BF909	Engine uppercarr. OBD Error Rail pressure reg. 1 Error no reaction 324909: Nitrogen circuit,Rail sensor,DBV,high pr. pump,wiring	A750		E	1
8BF90A	Engine uppercarr. OBD Error Rail pressure reg. 2 Error no reaction 324910: Nitrogen circuit,Rail sensor,DBV,high pr. pump,wiring	A750		E	1
8BF90B	Engine uppercarr. OBD Error Metering unit (VCV) Error Possibly high pr. reg/ emerg. op. activated 324911: Check wiring harness, plug, CR-components1, engine control unit	A750		E	1
8BF90C	Engine uppercarr. OBD Error Error Injector 1 Injector is not energized, no reaction 324912: Check wiring, plug, injector, engine control unit	A750		E	1
8BF90D	Engine uppercarr. OBD Error Error Injector 2 Injector is not energized, no reaction 324913: Check wiring, plug, injector, engine control unit	A750		E	1
8BFA00	Engine uppercarr. OBD Error Error Injector 3 Injector is not energized, no reaction 325000: Check wiring, plug, injector, engine control unit	A750		E	1
8BFA01	Engine uppercarr. OBD Error Error Injector 4 Injector is not energized, no reaction 325001: Check wiring, plug, injector, engine control unit	A750		E	1
8BFA02	Engine uppercarr. OBD Error Error Injector 5 Injector is not energized, no reaction 325002: Check wiring, plug, injector, engine control unit	A750		E	1
8BFA03	Engine uppercarr. OBD Error Error Injector 6 Injector is not energized, no reaction 325003: Check wiring, plug, injector, engine control unit	A750		E	1
8BFA04	Engine uppercarr. OBD Error Error Injector 7 Injector is not energized, no reaction 325004: Check wiring, plug, injector, engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BFA05	Engine uppercarr. OBD Error Error Injector 8 Injector is not energized, no reaction 325005: Check wiring, plug, injector, engine control unit	A750		E	1
8BFA06	Engine uppercarr. OBD Error Error fuel temperature sensor Use replacement value, no reaction 325006: Check wiring, plug, injector, engine control unit	A750		E	1
8BFA07	Engine uppercarr. OBD Error Error coolant temperature sensor Use replacement value, no reaction 325007: Check wiring, plug, injector, engine control unit	A750		E	1
8BFA08	Engine uppercarr. OBD Error Error crankshaft rpm sensor Emerg. shut off only at sim. Failure of both Rpm sensors 325008: Check rpm sensor, distance sensor to flywheel	A750		E	1
8BFA09	Engine uppercarr. OBD Error Error Index sensor camshaft Emerg. shut off only at sim. Failure of both Rpm sensors 325009: Check rpm sensor, distance sensor to flywheel	A750		E	1
8BFA0A	Engine uppercarr. OBD Error SCR catalytic converter inflow temp. sensor error Pump is in off mode 325010: Check rpm sensor, distance sensor to flywheel	A750		E	1
8BFA0B	Engine uppercarr. OBD Error SCR catalytic converter inflow temp. sensor error - OOR MIN Pump is in off mode 325011: No measures, error due to environmental cond.	A750		E	1
8BFA0C	Engine uppercarr. OBD Error SCR catalytic converter outflow temp. sensor error Pump is in off mode 325012: No measures, error due to environmental cond.	A750		E	1
8BFA0D	Engine uppercarr. OBD Error SCR catalytic converter Efficiency error (DEF-Quality, defective cat.) Actuation error lights, possible momentum reduction 325013: Check SCR-control unit, System for leaks, DEF-Quality	A750		E	1
8BFB00	Engine uppercarr. OBD Error SCR catalytic converter Efficiency error (Monitor 2) Actuation warning lights, possible momentum limitation 325100: Check SCR-control unit, System for leaks, DEF-Quality	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BFB01	Engine uppercarr. OBD Error SCR catalytic converter Efficiency error (incorrect medium, Monitor 2) Actuation warning lights, possible momentum limitation 325101: Check SCR-control unit, System for leaks, DEF-Quality	A750		E	1
8BFB02	Engine uppercarr. OBD Error NOx (Upstream) - Error Sensor communication Pump is in off mode 325102: Check electr. conn. from SCR System	A750		E	1
8BFB03	Engine uppercarr. OBD Error NOx (Upstream) - Error Sensor No measures or pump is in off mode 325103: Check plug, wiring, control units	A750		E	1
8BFB04	Engine uppercarr. OBD Error NOx (Downstream) - Error Sensor communication Pump is in off mode 325104: Check electr. conn. from SCR System	A750		E	1
8BFB05	Engine uppercarr. OBD Error NOx (Downstream) - Error Sensor No measures or pump is in off mode 325105: Check plug, wiring, control units	A750		E	1
8BFB06	Engine uppercarr. OBD Error Urea Injector Error - short circuit Pump is in off mode 325106: Check plug, wiring, control units	A750		E	1
8BFB07	Engine uppercarr. OBD Error Urea Injector Error open line Pump is in off mode 325107: Check plug, wiring, control units	A750		E	1
8BFB08	Engine uppercarr. OBD Error Urea pressure Error Pump is in Off mode, no measures or pump is in Off mode 325108: Check plug, wiring, control units	A750		E	1
8BFB09	Engine uppercarr. OBD Error Urea pressure Error - OOR MIN No measures or pump is in off mode 325109:	A750		E	1
8BFB0A	Engine uppercarr. OBD Error Urea pressure mechanical error 1 no reaction 325110: Check the spray on nozzle	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BFB0B	Engine uppercarr. OBD Error Urea pressure mechanical error 3 no reaction 325111: Check the spray on nozzle	A750		E	1
8BFB0C	Engine uppercarr. OBD Error Metering error Pump is in off mode 325112: check meter, replace if nec.	A750		E	1
8BFB0D	Engine uppercarr. OBD Error Pump temperature and heater error Pump is in Off mode, no measures or pump is in Off mode 325113: No measures, error due to environmental cond.	A750		E	1
8BFC00	Engine uppercarr. OBD Error Urea tank Heater erroneous (driver) No measures or pump is in off mode 325200: Check plug, wiring, control units	A750		E	1
8BFC01	Engine uppercarr. OBD Error Line heating Urea erroneous (driver) No measures, error due to environmental cond. 325201: Check plug, wiring, control units	A750		E	1
8BFC02	Engine uppercarr. OBD Error Pump heater Urea erroneous (driver) No measures or pump is in off mode 325202:	A750		E	1
8BFC03	Engine uppercarr. OBD Error Urea tank Temperature sensor erroneous No measures, error due to environmental cond. 325203: No measures, error due to environmental cond.	A750		E	1
8BFC04	Engine uppercarr. OBD Error Urea tank Temperature sensor erroneous (OOR MIN)  325204: No measures, error due to environmental cond.	A750		E	1
8BFC05	Engine uppercarr. OBD Error Urea tank fill level sensor erroneous No measures or pump is in off mode 325205: Check plug, wiring, control units	A750		E	1
8BFC06	Engine uppercarr. OBD Error Urea tank fill level sensor erroneous no reaction 325206: No measure	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BFC07	Engine uppercarr. OBD Error Fill level urea tank threshold 3 Actuation warning lights, possible momentum limitation 325207: Refill urea tank	A750		E	1
8BFC08	Engine uppercarr. OBD Error Fill level urea tank threshold 2 Actuation warning lights, possible momentum limitation 325208: Refill urea tank	A750		E	1
8BFC09	Engine uppercarr. OBD Error Fill level urea tank threshold 1 Actuation warning lights, possible momentum limitation 325209: Refill urea tank	A750		E	1
8BFC0A	Engine uppercarr. OBD Error Fill level urea tank threshold 0 Actuation warning lights, possible momentum limitation 325210: Refill urea tank	A750		E	1
8BFC0B	Engine uppercarr. OBD Error SCR ECM Error power supply Pump is in Off mode, no measures or pump is in Off mode 325211: Check supply voltage	A750		E	1
8BFC0C	Engine uppercarr. OBD Error SCR ECM Error Temperature Pump is in off mode 325212: No measures, error due to environmental cond.	A750		E	1
8BFC0D	Engine uppercarr. OBD Error SCR ECM CAN communication erroneous No measures or pump is in off mode 325213: Check CAN-connections	A750		E	1
8BFD00	Engine uppercarr. Error Exhaust treatment "AGN" Particle filter "DPF" load status threshold 4 reached Exhaust back pressure/DPF Temperature high 325300: Activate manual regeneration	A750		E	1
8BFD01	Engine uppercarr. Error Exhaust treatment "AGN" Particle filter "DPF" load status threshold 5 reached Exhaust back pressure/DPF Temperature high 325301: Activate Service Regeneration	A750		E	2
8BFE00	Engine uppercarr. OBD Error SCR power supply, Sensor error Engine cannot be started or engine shut off 325400: Check on board network	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8BFE01	Engine uppercarr. OBD Error ECM internal error control unit Engine cannot be started or engine shut off 325401: Load current software, replace engine control unit	A750		E	1
8BFE02	Engine uppercarr. OBD Error CAN-communication (J1939) interrupted Change over to plausible speed source 325402: Check cable / plug / CAN-participant	A750		E	1
8BFE03	Engine uppercarr. OBD Error CAN-communication (J1939) maximum transmission cycle exceeded Possibly power reduction 325403: Check cable / plug / CAN-participant	A750		E	1
8BFE04	Engine uppercarr. OBD Error Injector 9 erroneous Injector unit is not energized 325404: Check cable, plug, injection unit, engine control unit	A750		E	1
8BFE0D	Engine uppercarr. OBD Error Start block, problem exhaust aftertreatment/fill level urea tank Start lock 325413: Check wiring, exhaust system; check fill level urea, add urea	A750		E	1
8D0116	Engine uppercarr. Environmental pressure sensor Plausibility error no reaction Check control unit	A750		E	1
8D0164	Engine uppercarr. Environmental pressure sensor Error supply voltage sensors no reaction Check wiring between control unit and components	A750		E	1
8D0307	Engine uppercarr. Air filter Combi sensor (pressure) Value below warning threshold Engine derating 25% (Mach-FL) Check air filter	A750		E	1
8D0416	Engine uppercarr. Air filter Combi sensor (temperature) Plausibility error no reaction Check components	A750		E	1
8D0505	Engine uppercarr. Air filter Combi sensor Communication error Engine derating 25% (Mach-FL) Check wiring, CAN-participant	A750.X1:4		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D0603	Engine uppercarr. Charge air temperature sensor suction pipe short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X3:37		E	1
8D0604	Engine uppercarr. Charge air temperature sensor suction pipe short circuit to ground no reaction Check wiring between control unit and components	A750.X3:37		E	1
8D0608	Engine uppercarr. Charge air temperature sensor suction pipe Line interruption no reaction Check wiring between control unit and components	A750.X3:37		E	1
8D0609	Engine uppercarr. Charge air temperature sensor suction pipe Value above warning threshold no reaction Check operation status of engine	A750.X3:37		E	1
8D060A	Engine uppercarr. Charge air temperature sensor suction pipe Value above critical threshold no reaction Check operation status of engine	A750.X3:37		E	1
8D0616	Engine uppercarr. Charge air temperature sensor suction pipe Plausibility error no reaction Check components	A750.X3:37		E	1
8D0664	Engine uppercarr. Charge air temperature sensor suction pipe Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X3:37		E	1
8D0703	Engine uppercarr. charge air pressure sensor short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X3:14		E	1
8D0709	Engine uppercarr. charge air pressure sensor Value above warning threshold Engine derating 25% (Mach-FL) Check operation status of engine	A750.X3:14		E	1
8D070A	Engine uppercarr. charge air pressure sensor Value above critical threshold Engine derating 25% (Mach-FL) Check operation status of engine	A750.X3:14		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D070B	Engine uppercarr. charge air pressure sensor Short circuit after ground or line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X3:14		E	1
8D0714	Engine uppercarr. charge air pressure sensor Signal remains below nominal value no reaction Air intake manifold, check wastegate	A750.X3:14		E	1
8D0715	Engine uppercarr. charge air pressure sensor Signal remains above nominal value no reaction Air intake manifold, check wastegate	A750.X3:14		E	1
8D0716	Engine uppercarr. charge air pressure sensor Plausibility error Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X3:14		E	1
8D0764	Engine uppercarr. charge air pressure sensor Error supply voltage sensors Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X3:14		E	1
8D0774	Engine uppercarr. charge air pressure sensor Lower limit value for regulation reached no reaction Air intake manifold, check wastegate	A750.X3:14		E	1
8D0775	Engine uppercarr. charge air pressure sensor Upper limit value for regulation reached no reaction Air intake manifold, check wastegate	A750.X3:14		E	1
8D0803	Engine uppercarr. Ambient temperature sensor short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X1:40		E	1
8D0804	Engine uppercarr. Ambient temperature sensor short circuit to ground no reaction Check wiring between control unit and components	A750.X1:40		E	1
8D0808	Engine uppercarr. Ambient temperature sensor Line interruption no reaction Check wiring between control unit and components	A750.X1:40		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D0816	Engine uppercarr. Ambient temperature sensor Plausibility error no reaction Check components	A750.X1:40		E	1
8D0864	Engine uppercarr. Ambient temperature sensor Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X1:40		E	1
8D0903	Engine uppercarr. coolant temperature sensor short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X3:45		E	1
8D0904	Engine uppercarr. coolant temperature sensor short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X3:45		E	1
8D0908	Engine uppercarr. coolant temperature sensor Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X3:45		E	1
8D0909	Engine uppercarr. coolant temperature sensor Value above warning threshold no reaction Check operation status of engine	A750.X3:45		E	1
8D090A	Engine uppercarr. coolant temperature sensor Value above critical threshold no reaction Check operation status of engine	A750.X3:45		E	1
8D0916	Engine uppercarr. coolant temperature sensor Plausibility error no reaction Check components	A750.X3:45		E	1
8D0964	Engine uppercarr. coolant temperature sensor Error supply voltage sensors Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X3:45		E	1
8D0A03	Engine uppercarr. Coolant level sensor short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X2:19		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D0A07	Engine uppercarr. Coolant level sensor Value below warning threshold no reaction Check coolant level	A750.X2:19		E	1
8D0A0B	Engine uppercarr. Coolant level sensor Short circuit after ground or line interruption no reaction Check wiring between control unit and components	A750.X2:19		E	1
8D0A21	Engine uppercarr. Coolant level sensor Voltage outside permissible range no reaction Check wiring between control unit and components	A750.X2:19		E	1
8D0A64	Engine uppercarr. Coolant level sensor Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X2:19		E	1
8D0B04	Engine uppercarr. Rail pressure sensor short circuit to ground Engine derating 50% (Mach-FL) Check wiring between control unit and components	A750.X3:26		E	1
8D0B09	Engine uppercarr. Rail pressure sensor Value above warning threshold no reaction Check operation status of engine	A750.X3:26		E	1
8D0B0A	Engine uppercarr. Rail pressure sensor Value above critical threshold Engine derating 50% (Mach-FL) Check operation status of engine	A750.X3:26		E	1
8D0B0D	Engine uppercarr. Rail pressure sensor Short circuit after supply voltage or line interruption Engine derating 50% (Mach-FL) Check wiring between control unit and components	A750.X3:26		E	1
8D0B0E	Engine uppercarr. Rail pressure sensor Signal increases too fast no reaction Check wiring between control unit and components	A750.X3:26		E	1
8D0B0F	Engine uppercarr. Rail pressure sensor Signal decreases too fast no reaction Check wiring between control unit and components	A750.X3:26		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D0B10	Engine uppercarr. Rail pressure sensor Start pressure too low no reaction Check fuel circuit, rail sensors, pressure relief valve 1, high pressure pump, wiring	A750.X3:26		E	1
8D0B11	Engine uppercarr. Rail pressure sensor Signal noise too high no reaction Check fuel circuit, rail sensors, pressure relief valve 1, high pressure pump, wiring	A750.X3:26		E	1
8D0B12	Engine uppercarr. Rail pressure sensor No signal dynamics Engine derating 50% (Mach-FL) Check wiring between control unit and components	A750.X3:26		E	1
8D0B13	Engine uppercarr. Rail pressure sensor Leakage no reaction Check fuel circuit, rail sensors, pressure relief valve 1, high pressure pump, wiring	A750.X3:26		E	1
8D0B14	Engine uppercarr. Rail pressure sensor Signal remains below nominal value Engine derating 50% (Mach-FL) Check fuel circuit, rail sensors, pressure relief valve 1, high pressure pump, wiring	A750.X3:26		E	1
8D0B15	Engine uppercarr. Rail pressure sensor Signal remains above nominal value Engine derating 50% (Mach-FL) Check fuel circuit, rail sensors, pressure relief valve 1, high pressure pump, wiring	A750.X3:26		E	1
8D0B64	Engine uppercarr. Rail pressure sensor Error supply voltage sensors Engine derating 50% (Mach-FL) Check wiring between control unit and components	A750.X3:26		E	1
8D0C14	Engine uppercarr. Fuel supply valve (VCV) flow regulation Signal remains below nominal value no reaction Check wiring, components, control unit	A750.X3:28		E	1
8D0C15	Engine uppercarr. Fuel supply valve (VCV) flow regulation Signal remains above nominal value no reaction Check wiring, components, control unit	A750.X3:28		E	1
8D0C16	Engine uppercarr. Fuel supply valve (VCV) flow regulation Plausibility error Engine derating 50% (Mach-FL) Check fuel circuit, rail sensors, pressure relief valve 1, high pressure pump, wiring	A750.X3:28		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D0D03	Engine uppercarr. Fuel pressure sensor (low pressure system) short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D0D07	Engine uppercarr. Fuel pressure sensor (low pressure system) Value below warning threshold no reaction Check operation status of engine	A750		E	1
8D0D09	Engine uppercarr. Fuel pressure sensor (low pressure system) Value above warning threshold no reaction Check operation status of engine	A750		E	1
8D0D0A	Engine uppercarr. Fuel pressure sensor (low pressure system) Value above critical threshold no reaction Check operation status of engine	A750		E	1
8D0D0B	Engine uppercarr. Fuel pressure sensor (low pressure system) Short circuit after ground or line interruption no reaction Check wiring between control unit and components	A750		E	1
8D0D0C	Engine uppercarr. Fuel pressure sensor (low pressure system) Value below critical threshold no reaction Check operation status of engine	A750		E	1
8D0D64	Engine uppercarr. Fuel pressure sensor (low pressure system) Error supply voltage sensors no reaction Check wiring between control unit and components	A750		E	1
8D0E03	Engine uppercarr. Fuel temperature sensor short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X3:41		E	1
8D0E04	Engine uppercarr. Fuel temperature sensor short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X3:41		E	1
8D0E08	Engine uppercarr. Fuel temperature sensor Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X3:41		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D0E09	Engine uppercarr. Fuel temperature sensor Value above warning threshold no reaction Check operation status of engine	A750.X3:41		E	1
8D0E0A	Engine uppercarr. Fuel temperature sensor Value above critical threshold Engine derating 25% (Mach-FL) Check operation status of engine	A750.X3:41		E	1
8D0E16	Engine uppercarr. Fuel temperature sensor Plausibility error no reaction Check components	A750.X3:41		E	1
8D0E64	Engine uppercarr. Fuel temperature sensor Error supply voltage sensors Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X3:41		E	1
8D0F03	Engine uppercarr. Oil level sensor short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X4:37		E	1
8D0F07	Engine uppercarr. Oil level sensor Value below warning threshold no reaction Check oil level, oil level sensor, engine must be at an incline of 0°	A750.X4:37		E	1
8D0F09	Engine uppercarr. Oil level sensor Value above warning threshold no reaction Check operation status of engine	A750.X4:37		E	1
8D0F0B	Engine uppercarr. Oil level sensor Short circuit after ground or line interruption no reaction Check wiring between control unit and components	A750.X4:37		E	1
8D0F0C	Engine uppercarr. Oil level sensor Value below critical threshold no reaction Check oil level, oil level sensor, engine must be at an incline of 0°	A750.X4:37		E	1
8D0F64	Engine uppercarr. Oil level sensor Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X4:37		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D1003	Engine uppercarr. oil pressure sensor short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X3:10		E	1
8D1007	Engine uppercarr. oil pressure sensor Value below warning threshold no reaction Check operation status of engine	A750.X3:10		E	1
8D100B	Engine uppercarr. oil pressure sensor Short circuit after ground or line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X3:10		E	1
8D100C	Engine uppercarr. oil pressure sensor Value below critical threshold Engine derating 25% (Mach-FL) Check operation status of engine	A750.X3:10		E	1
8D1016	Engine uppercarr. oil pressure sensor Plausibility error Engine derating 25% (Mach-FL) Check operation status of engine	A750.X3:10		E	1
8D1064	Engine uppercarr. oil pressure sensor Error supply voltage sensors Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X3:10		E	1
8D1103	Engine uppercarr. oil temperature sensor short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X4:38		E	1
8D1104	Engine uppercarr. oil temperature sensor short circuit to ground no reaction Check wiring between control unit and components	A750.X4:38		E	1
8D1108	Engine uppercarr. oil temperature sensor Line interruption no reaction Check wiring between control unit and components	A750.X4:38		E	1
8D1109	Engine uppercarr. oil temperature sensor Value above warning threshold no reaction Check operation status of engine	A750.X4:38		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D110A	Engine uppercarr. oil temperature sensor Value above critical threshold Engine derating 25% (Mach-FL) Check operation status of engine	A750.X4:38		E	1
8D110B	Engine uppercarr. oil temperature sensor Short circuit after ground or line interruption no reaction Check wiring between control unit and components	A750.X4:38		E	1
8D1164	Engine uppercarr. oil temperature sensor Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X4:38		E	1
8D1203	Engine uppercarr. Water level probe fuel filter short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X1:40		E	1
8D1204	Engine uppercarr. Water level probe fuel filter short circuit to ground no reaction Check wiring between control unit and components	A750.X1:40		E	1
8D1208	Engine uppercarr. Water level probe fuel filter Line interruption no reaction Check wiring between control unit and components	A750.X1:40		E	1
8D120A	Engine uppercarr. Water level probe fuel filter Value above critical threshold Engine derating 25% (Mach-FL) Check operation status of engine	A750.X1:40		E	1
8D1221	Engine uppercarr. Water level probe fuel filter Voltage outside permissible range no reaction Check wiring between control unit and components	A750.X1:40		E	1
8D1264	Engine uppercarr. Water level probe fuel filter Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X1:40		E	1
8D1303	Engine uppercarr. Rpm sensor camshaft short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X4:51		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D1304	Engine uppercarr. Rpm sensor camshaft short circuit to ground no reaction Check wiring between control unit and components	A750.X4:51		E	1
8D1308	Engine uppercarr. Rpm sensor camshaft Line interruption no reaction Check wiring between control unit and components	A750.X4:51		E	1
8D1316	Engine uppercarr. Rpm sensor camshaft Plausibility error no reaction Check rpm sensors	A750.X4:51		E	1
8D1403	Engine uppercarr. Rpm sensor crankshaft short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:52		E	1
8D1404	Engine uppercarr. Rpm sensor crankshaft short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:52		E	1
8D1408	Engine uppercarr. Rpm sensor crankshaft Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:52		E	1
8D1416	Engine uppercarr. Rpm sensor crankshaft Plausibility error Engine derating 25% (Mach-FL) Check rpm sensors	A750.X4:52		E	1
8D1509	Engine uppercarr. Engine speed Value above warning threshold no reaction Check operation status of engine	A750		E	1
8D150A	Engine uppercarr. Engine speed Value above critical threshold no reaction Check operation status of engine	A750		E	1
8D1603	Engine uppercarr. Status Heat flange 1 short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X2:38		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D1604	Engine uppercarr. Status Heat flange 1 short circuit to ground no reaction Check wiring between control unit and components	A750.X2:38		E	1
8D1608	Engine uppercarr. Status Heat flange 1 Line interruption no reaction Check wiring between control unit and components	A750.X2:38		E	1
8D166D	Engine uppercarr. Status Heat flange 1 Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750.X2:38		E	1
8D166E	Engine uppercarr. Status Heat flange 1 Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750.X2:38		E	1
8D166F	Engine uppercarr. Status Heat flange 1 Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750.X2:38		E	1
8D1670	Engine uppercarr. Status Heat flange 1 Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750.X2:38		E	1
8D1703	Engine uppercarr. Heat flange 1 short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X2:38		E	1
8D1704	Engine uppercarr. Heat flange 1 short circuit to ground no reaction Check wiring between control unit and components	A750.X2:38		E	1
8D1708	Engine uppercarr. Heat flange 1 Line interruption no reaction Check wiring between control unit and components	A750.X2:38		E	1
8D176C	Engine uppercarr. Heat flange 1 Reg. deviation current value no reaction Report all error parameters to Service	A750.X2:38		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D176D	Engine uppercarr. Heat flange 1 Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750.X2:38		E	1
8D176E	Engine uppercarr. Heat flange 1 Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750.X2:38		E	1
8D176F	Engine uppercarr. Heat flange 1 Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750.X2:38		E	1
8D1770	Engine uppercarr. Heat flange 1 Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750.X2:38		E	1
8D1803	Engine uppercarr. Status Heat flange 2 short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X2:42		E	1
8D1804	Engine uppercarr. Status Heat flange 2 short circuit to ground no reaction Check wiring between control unit and components	A750.X2:42		E	1
8D1808	Engine uppercarr. Status Heat flange 2 Line interruption no reaction Check wiring between control unit and components	A750.X2:42		E	1
8D186D	Engine uppercarr. Status Heat flange 2 Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750.X2:42		E	1
8D186E	Engine uppercarr. Status Heat flange 2 Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750.X2:42		E	1
8D186F	Engine uppercarr. Status Heat flange 2 Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750.X2:42		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D1870	Engine uppercarr. Status Heat flange 2 Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750.X2:42		E	1
8D1903	Engine uppercarr. Heat flange 2 short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X2:42		E	1
8D1904	Engine uppercarr. Heat flange 2 short circuit to ground no reaction Check wiring between control unit and components	A750.X2:42		E	1
8D1908	Engine uppercarr. Heat flange 2 Line interruption no reaction Check wiring between control unit and components	A750.X2:42		E	1
8D196C	Engine uppercarr. Heat flange 2 Reg. deviation current value no reaction Report all error parameters to Service	A750.X2:42		E	1
8D196D	Engine uppercarr. Heat flange 2 Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750.X2:42		E	1
8D196E	Engine uppercarr. Heat flange 2 Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750.X2:42		E	1
8D196F	Engine uppercarr. Heat flange 2 Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750.X2:42		E	1
8D1970	Engine uppercarr. Heat flange 2 Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750.X2:42		E	1
8D1A03	Engine uppercarr. Urea (AdBlue) Tank heater valve short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X2:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D1A04	Engine uppercarr. Urea (AdBlue) Tank heater valve short circuit to ground no reaction Check wiring between control unit and components	A750.X2:9		E	1
8D1A08	Engine uppercarr. Urea (AdBlue) Tank heater valve Line interruption no reaction Check wiring between control unit and components	A750.X2:9		E	1
8D1A49	Engine uppercarr. Urea (AdBlue) Tank heater valve Error blocked open no reaction Check components	A750.X2:9		E	1
8D1A4A	Engine uppercarr. Urea (AdBlue) Tank heater valve Error blocked closed no reaction Check components	A750.X2:9		E	1
8D1A6C	Engine uppercarr. Urea (AdBlue) Tank heater valve Reg. deviation current value no reaction Report all error parameters to Service	A750.X2:9		E	1
8D1A6D	Engine uppercarr. Urea (AdBlue) Tank heater valve Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750.X2:9		E	1
8D1A6E	Engine uppercarr. Urea (AdBlue) Tank heater valve Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750.X2:9		E	1
8D1A6F	Engine uppercarr. Urea (AdBlue) Tank heater valve Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750.X2:9		E	1
8D1A70	Engine uppercarr. Urea (AdBlue) Tank heater valve Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750.X2:9		E	1
8D1B03	Engine uppercarr. Urea (AdBlue) Pump heater valve short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X2:33		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D1B04	Engine uppercarr. Urea (AdBlue) Pump heater valve short circuit to ground no reaction Check wiring between control unit and components	A750.X2:33		E	1
8D1B08	Engine uppercarr. Urea (AdBlue) Pump heater valve Line interruption no reaction Check wiring between control unit and components	A750.X2:33		E	1
8D1B49	Engine uppercarr. Urea (AdBlue) Pump heater valve Error blocked open no reaction Check components	A750.X2:33		E	1
8D1B4A	Engine uppercarr. Urea (AdBlue) Pump heater valve Error blocked closed no reaction Check components	A750.X2:33		E	1
8D1B6C	Engine uppercarr. Urea (AdBlue) Pump heater valve Reg. deviation current value no reaction Report all error parameters to Service	A750.X2:33		E	1
8D1B6D	Engine uppercarr. Urea (AdBlue) Pump heater valve Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750.X2:33		E	1
8D1B6E	Engine uppercarr. Urea (AdBlue) Pump heater valve Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750.X2:33		E	1
8D1B6F	Engine uppercarr. Urea (AdBlue) Pump heater valve Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750.X2:33		E	1
8D1B70	Engine uppercarr. Urea (AdBlue) Pump heater valve Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750.X2:33		E	1
8D1C03	Engine uppercarr. Urea (AdBlue) Hose heater 1 short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X2:41		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D1C04	Engine uppercarr. Urea (AdBlue) Hose heater 1 short circuit to ground no reaction Check wiring between control unit and components	A750.X2:41		E	1
8D1C08	Engine uppercarr. Urea (AdBlue) Hose heater 1 Line interruption no reaction Check wiring between control unit and components	A750.X2:41		E	1
8D1C6C	Engine uppercarr. Urea (AdBlue) Hose heater 1 Reg. deviation current value no reaction Report all error parameters to Service	A750.X2:41		E	1
8D1C6D	Engine uppercarr. Urea (AdBlue) Hose heater 1 Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750.X2:41		E	1
8D1C6E	Engine uppercarr. Urea (AdBlue) Hose heater 1 Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750.X2:41		E	1
8D1C6F	Engine uppercarr. Urea (AdBlue) Hose heater 1 Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750.X2:41		E	1
8D1C70	Engine uppercarr. Urea (AdBlue) Hose heater 1 Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750.X2:41		E	1
8D1D03	Engine uppercarr. Urea (AdBlue) Hose heater 2 short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X2:49		E	1
8D1D04	Engine uppercarr. Urea (AdBlue) Hose heater 2 short circuit to ground no reaction Check wiring between control unit and components	A750.X2:49		E	1
8D1D08	Engine uppercarr. Urea (AdBlue) Hose heater 2 Line interruption no reaction Check wiring between control unit and components	A750.X2:49		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D1D6C	Engine uppercarr. Urea (AdBlue) Hose heater 2 Reg. deviation current value no reaction Report all error parameters to Service	A750.X2:49		E	1
8D1D6D	Engine uppercarr. Urea (AdBlue) Hose heater 2 Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750.X2:49		E	1
8D1D6E	Engine uppercarr. Urea (AdBlue) Hose heater 2 Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750.X2:49		E	1
8D1D6F	Engine uppercarr. Urea (AdBlue) Hose heater 2 Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750.X2:49		E	1
8D1D70	Engine uppercarr. Urea (AdBlue) Hose heater 2 Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750.X2:49		E	1
8D1E03	Engine uppercarr. SCR Urea (AdBlue) pressure sensor short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X1:10		E	1
8D1E0B	Engine uppercarr. SCR Urea (AdBlue) pressure sensor Short circuit after ground or line interruption no reaction Check wiring between control unit and components	A750.X1:10		E	1
8D1E14	Engine uppercarr. SCR Urea (AdBlue) pressure sensor Signal remains below nominal value no reaction Check SCR-System	A750.X1:10		E	1
8D1E16	Engine uppercarr. SCR Urea (AdBlue) pressure sensor Plausibility error no reaction Check components	A750.X1:10		E	1
8D1E26	Engine uppercarr. SCR Urea (AdBlue) pressure sensor Urea (AdBlue) line filling failed Inducement system activation (Mach-FL) Check SCR-System	A750.X1:10		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D1E2B	Engine uppercarr. SCR Urea (AdBlue) pressure sensor Urea pressure too low (Plausibility vent valve open) Inducement system activation (Mach-FL) Check urea pump, turn ignition off / on	A750.X1:10		E	1
8D1E64	Engine uppercarr. SCR Urea (AdBlue) pressure sensor Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X1:10		E	1
8D1E75	Engine uppercarr. SCR Urea (AdBlue) pressure sensor Upper limit value for regulation reached no reaction Check SCR System	A750.X1:10		E	1
8D1F03	Engine uppercarr. SCR Urea (AdBlue) temperature sensor short circuit to supply voltage Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X1:52		E	1
8D1F04	Engine uppercarr. SCR Urea (AdBlue) temperature sensor short circuit to ground Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X1:52		E	1
8D1F08	Engine uppercarr. SCR Urea (AdBlue) temperature sensor Line interruption Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X1:52		E	1
8D1F09	Engine uppercarr. SCR Urea (AdBlue) temperature sensor Value above warning threshold no reaction Check operation status of engine	A750.X1:52		E	1
8D1F0A	Engine uppercarr. SCR Urea (AdBlue) temperature sensor Value above critical threshold no reaction Check operation status of engine	A750.X1:52		E	1
8D1F16	Engine uppercarr. SCR Urea (AdBlue) temperature sensor Plausibility error no reaction Check components	A750.X1:52		E	1
8D1F64	Engine uppercarr. SCR Urea (AdBlue) temperature sensor Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X1:52		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D2003	Engine uppercarr. SCR Urea (AdBlue) pump short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X1:25		E	1
8D2004	Engine uppercarr. SCR Urea (AdBlue) pump short circuit to ground no reaction Check wiring between control unit and components	A750.X1:25		E	1
8D2008	Engine uppercarr. SCR Urea (AdBlue) pump Line interruption no reaction Check wiring between control unit and components	A750.X1:25		E	1
8D2017	Engine uppercarr. SCR Urea (AdBlue) pump Short circuit of load no reaction Check wiring between control unit and components	A750.X1:25		E	1
8D206C	Engine uppercarr. SCR Urea (AdBlue) pump Reg. deviation current value no reaction Report all error parameters to Service	A750.X1:25		E	1
8D206D	Engine uppercarr. SCR Urea (AdBlue) pump Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750.X1:25		E	1
8D206E	Engine uppercarr. SCR Urea (AdBlue) pump Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750.X1:25		E	1
8D206F	Engine uppercarr. SCR Urea (AdBlue) pump Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750.X1:25		E	1
8D2070	Engine uppercarr. SCR Urea (AdBlue) pump Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750.X1:25		E	1
8D2103	Engine uppercarr. SCR vent valve short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X1:62		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D2104	Engine uppercarr. SCR vent valve short circuit to ground no reaction Check wiring between control unit and components	A750.X1:62		E	1
8D2108	Engine uppercarr. SCR vent valve Line interruption no reaction Check wiring between control unit and components	A750.X1:62		E	1
8D216C	Engine uppercarr. SCR vent valve Reg. deviation current value no reaction Report all error parameters to Service	A750.X1:62		E	1
8D216D	Engine uppercarr. SCR vent valve Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750.X1:62		E	1
8D216E	Engine uppercarr. SCR vent valve Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750.X1:62		E	1
8D216F	Engine uppercarr. SCR vent valve Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750.X1:62		E	1
8D2170	Engine uppercarr. SCR vent valve Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750.X1:62		E	1
8D2203	Engine uppercarr. SCR connection compressed air short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X2:13		E	1
8D2204	Engine uppercarr. SCR connection compressed air short circuit to ground no reaction Check wiring between control unit and components	A750.X2:13		E	1
8D2208	Engine uppercarr. SCR connection compressed air Line interruption no reaction Check wiring between control unit and components	A750.X2:13		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D2217	Engine uppercarr. SCR connection compressed air Short circuit of load no reaction Check wiring between control unit and components	A750.X2:13		E	1
8D226C	Engine uppercarr. SCR connection compressed air Reg. deviation current value no reaction Report all error parameters to Service	A750.X2:13		E	1
8D226D	Engine uppercarr. SCR connection compressed air Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750.X2:13		E	1
8D226E	Engine uppercarr. SCR connection compressed air Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750.X2:13		E	1
8D226F	Engine uppercarr. SCR connection compressed air Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750.X2:13		E	1
8D2270	Engine uppercarr. SCR connection compressed air Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750.X2:13		E	1
8D2303	Engine uppercarr. SCR Air pressure sensor short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X1:6		E	1
8D230B	Engine uppercarr. SCR Air pressure sensor Short circuit after ground or line interruption no reaction Check wiring between control unit and components	A750.X1:6		E	1
8D2316	Engine uppercarr. SCR Air pressure sensor Plausibility error no reaction Check components	A750.X1:6		E	1
8D2328	Engine uppercarr. SCR Air pressure sensor Pressure too high when connecting compressed air Inducement system activation (Mach-FL) Check SCR-System	A750.X1:6		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D2329	Engine uppercarr. SCR Air pressure sensor Pressure too low when connecting compressed air Inducement system activation (Mach-FL) Check connections, air pump, urea pump, injector, replace components	A750.X1:6		E	1
8D2364	Engine uppercarr. SCR Air pressure sensor Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X1:6		E	1
8D2401	Engine uppercarr. Urea (AdBlue)-Tank Temperature sensor Value above max. test range no reaction Check wiring between control unit and components	A750.X1:4		E	1
8D2402	Engine uppercarr. Urea (AdBlue)-Tank Temperature sensor Value below min. test range no reaction Check wiring between control unit and components	A750.X1:4		E	1
8D2408	Engine uppercarr. Urea (AdBlue)-Tank Temperature sensor Line interruption no reaction Check wiring between control unit and components	A750.X1:4		E	1
8D2409	Engine uppercarr. Urea (AdBlue)-Tank Temperature sensor Value above warning threshold no reaction Check operation status of engine	A750.X1:4		E	1
8D2416	Engine uppercarr. Urea (AdBlue)-Tank Temperature sensor Plausibility error no reaction Check components	A750.X1:4		E	1
8D2418	Engine uppercarr. Urea (AdBlue)-Tank Temperature sensor Short circuit no reaction Check wiring between control unit and components	A750.X1:4		E	1
8D2501	Engine uppercarr. Urea (AdBlue)-Tank Fill level sensor Value above max. test range no reaction Check wiring between control unit and components	A750.X1:4		E	1
8D2502	Engine uppercarr. Urea (AdBlue)-Tank Fill level sensor Value below min. test range Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X1:4		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D2508	Engine uppercarr. Urea (AdBlue)-Tank Fill level sensor Line interruption Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X1:4		E	1
8D2518	Engine uppercarr. Urea (AdBlue)-Tank Fill level sensor Short circuit Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X1:4		E	1
8D2519	Engine uppercarr. Urea (AdBlue)-Tank Fill level sensor Fill level low Inducement system activation (Mach-FL) Refill urea tank	A750.X1:4		E	1
8D2605	Engine uppercarr. Urea (AdBlue)-Tank Sampling unit Communication error Inducement system activation (Mach-FL) Check wiring, CAN-participant	A750.X1:4		E	1
8D2701	Engine uppercarr. Urea (AdBlue)-Tank Quality sensor Value above max. test range Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X1:4		E	1
8D2702	Engine uppercarr. Urea (AdBlue)-Tank Quality sensor Value below min. test range Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X1:4		E	1
8D2746	Engine uppercarr. Urea (AdBlue)-Tank Quality sensor Optical error Inducement system activation (Mach-FL) Check components	A750.X1:4		E	1
8D2803	Engine uppercarr. Battery temperature sensor short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X1:48		E	1
8D2804	Engine uppercarr. Battery temperature sensor short circuit to ground no reaction Check wiring between control unit and components	A750.X1:48		E	1
8D2808	Engine uppercarr. Battery temperature sensor Line interruption no reaction Check wiring between control unit and components	A750.X1:48		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D2816	Engine uppercarr. Battery temperature sensor Plausibility error no reaction Check components	A750.X1:48		E	1
8D2864	Engine uppercarr. Battery temperature sensor Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X1:48		E	1
8D2901	Engine uppercarr. Exhaust temperature sensor (before SCR) Value above max. test range Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X1:28		E	1
8D2903	Engine uppercarr. Exhaust temperature sensor (before SCR) short circuit to supply voltage Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X1:28		E	1
8D2904	Engine uppercarr. Exhaust temperature sensor (before SCR) short circuit to ground Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X1:28		E	1
8D2908	Engine uppercarr. Exhaust temperature sensor (before SCR) Line interruption Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X1:28		E	1
8D2909	Engine uppercarr. Exhaust temperature sensor (before SCR) Value above warning threshold no reaction Check operation status of engine	A750.X1:28		E	1
8D290A	Engine uppercarr. Exhaust temperature sensor (before SCR) Value above critical threshold no reaction Check operation status of engine	A750.X1:28		E	1
8D2916	Engine uppercarr. Exhaust temperature sensor (before SCR) Plausibility error Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X1:28		E	1
8D2964	Engine uppercarr. Exhaust temperature sensor (before SCR) Error supply voltage sensors Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X1:28		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D2A01	Engine uppercarr. Exhaust temperature sensor (after SCR) Value above max. test range no reaction Check wiring between control unit and components	A750.X1:32		E	1
8D2A02	Engine uppercarr. Exhaust temperature sensor (after SCR) Value below min. test range no reaction Check wiring between control unit and components	A750.X1:32		E	1
8D2A03	Engine uppercarr. Exhaust temperature sensor (after SCR) short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X1:32		E	1
8D2A04	Engine uppercarr. Exhaust temperature sensor (after SCR) short circuit to ground no reaction Check wiring between control unit and components	A750.X1:32		E	1
8D2A08	Engine uppercarr. Exhaust temperature sensor (after SCR) Line interruption no reaction Check wiring between control unit and components	A750.X1:32		E	1
8D2A09	Engine uppercarr. Exhaust temperature sensor (after SCR) Value above warning threshold no reaction Check operation status of engine	A750.X1:32		E	1
8D2A0A	Engine uppercarr. Exhaust temperature sensor (after SCR) Value above critical threshold no reaction Check operation status of engine	A750.X1:32		E	1
8D2A16	Engine uppercarr. Exhaust temperature sensor (after SCR) Plausibility error no reaction Check wiring between control unit and components	A750.X1:32		E	1
8D2A64	Engine uppercarr. Exhaust temperature sensor (after SCR) Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X1:32		E	1
8D2B03	Engine uppercarr. Hydraulic oil temperature sensor short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X1:36		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D2B04	Engine uppercarr. Hydraulic oil temperature sensor short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X1:36		E	1
8D2B08	Engine uppercarr. Hydraulic oil temperature sensor Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X1:36		E	1
8D2B09	Engine uppercarr. Hydraulic oil temperature sensor Value above warning threshold no reaction Check operation status of engine	A750.X1:36		E	1
8D2B0A	Engine uppercarr. Hydraulic oil temperature sensor Value above critical threshold no reaction Check operation status of engine	A750.X1:36		E	1
8D2B64	Engine uppercarr. Hydraulic oil temperature sensor Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X1:36		E	1
8D2C03	Engine uppercarr. Starter short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X4:62		E	1
8D2C04	Engine uppercarr. Starter short circuit to ground no reaction Check wiring between control unit and components	A750.X4:62		E	1
8D2C08	Engine uppercarr. Starter Line interruption no reaction Check wiring between control unit and components	A750.X4:62		E	1
8D2C6C	Engine uppercarr. Starter Reg. deviation current value no reaction Report all error parameters to Service	A750.X4:62		E	1
8D2C6D	Engine uppercarr. Starter Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750.X4:62		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D2C6E	Engine uppercarr. Starter Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750.X4:62		E	1
8D2C6F	Engine uppercarr. Starter Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750.X4:62		E	1
8D2C70	Engine uppercarr. Starter Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750.X4:62		E	1
8D2E03	Engine uppercarr. Wastegate flap 1 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X3:48		E	1
8D2E04	Engine uppercarr. Wastegate flap 1 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X3:48		E	1
8D2E08	Engine uppercarr. Wastegate flap 1 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X3:48		E	1
8D2E6C	Engine uppercarr. Wastegate flap 1 Reg. deviation current value Engine derating 25% (Mach-FL) Report all error parameters to Service	A750.X3:48		E	1
8D2E6D	Engine uppercarr. Wastegate flap 1 Short circuit after supply voltage Plus switch Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X3:48		E	1
8D2E6E	Engine uppercarr. Wastegate flap 1 Short circuit after supply voltage ground switch Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X3:48		E	1
8D2E6F	Engine uppercarr. Wastegate flap 1 Short circuit after ground Plus switch Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X3:48		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D2E70	Engine uppercarr. Wastegate flap 1 Short circuit after ground, ground switch Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X3:48		E	1
8D2F03	Engine uppercarr. Fuel supply valve 1 (VCV) short circuit to supply voltage Engine derating 50% (Mach-FL) Check wiring between control unit and components	A750.X3:28		E	1
8D2F04	Engine uppercarr. Fuel supply valve 1 (VCV) short circuit to ground Engine derating 50% (Mach-FL) Check wiring between control unit and components	A750.X3:28		E	1
8D2F08	Engine uppercarr. Fuel supply valve 1 (VCV) Line interruption Engine derating 50% (Mach-FL) Check wiring between control unit and components	A750.X3:28		E	1
8D2F0A	Engine uppercarr. Fuel supply valve 1 (VCV) Value above critical threshold no reaction Check operation status of engine	A750.X3:28		E	1
8D2F0C	Engine uppercarr. Fuel supply valve 1 (VCV) Value below critical threshold no reaction Check operation status of engine	A750.X3:28		E	1
8D2F15	Engine uppercarr. Fuel supply valve 1 (VCV) Signal remains above nominal value no reaction Check wiring, components, control unit	A750.X3:28		E	1
8D2F17	Engine uppercarr. Fuel supply valve 1 (VCV) Short circuit of load Engine derating 50% (Mach-FL) Check wiring between control unit and components	A750.X3:28		E	1
8D2F52	Engine uppercarr. Fuel supply valve 1 (VCV) PWM plausibility no reaction Check components	A750.X3:28		E	1
8D2F6C	Engine uppercarr. Fuel supply valve 1 (VCV) Reg. deviation current value Engine derating 50% (Mach-FL) Report all error parameters to Service	A750.X3:28		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D2F6D	Engine uppercarr. Fuel supply valve 1 (VCV) Short circuit after supply voltage Plus switch Engine derating 50% (Mach-FL) Check wiring between control unit and components	A750.X3:28		E	1
8D2F6E	Engine uppercarr. Fuel supply valve 1 (VCV) Short circuit after supply voltage ground switch Engine derating 50% (Mach-FL) Check wiring between control unit and components	A750.X3:28		E	1
8D2F6F	Engine uppercarr. Fuel supply valve 1 (VCV) Short circuit after ground Plus switch Engine derating 50% (Mach-FL) Check wiring between control unit and components	A750.X3:28		E	1
8D2F70	Engine uppercarr. Fuel supply valve 1 (VCV) Short circuit after ground, ground switch Engine derating 50% (Mach-FL) Check wiring between control unit and components	A750.X3:28		E	1
8D2F74	Engine uppercarr. Fuel supply valve 1 (VCV) Lower limit value for regulation reached no reaction No measure required	A750.X3:28		E	1
8D3003	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) short circuit to supply voltage Engine derating 50% (Mach-FL) Check wiring between control unit and components	A750.X3:36		E	1
8D3004	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) short circuit to ground Engine derating 50% (Mach-FL) Check wiring between control unit and components	A750.X3:36		E	1
8D3008	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) Line interruption Engine derating 50% (Mach-FL) Check wiring between control unit and components	A750.X3:36		E	1
8D300A	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) Value above critical threshold no reaction Check operation status of engine	A750.X3:36		E	1
8D300C	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) Value below critical threshold no reaction Check operation status of engine	A750.X3:36		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D300E	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) Signal increases too fast no reaction Check components	A750.X3:36		E	1
8D300F	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) Signal decreases too fast no reaction Check components	A750.X3:36		E	1
8D3015	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) Signal remains above nominal value no reaction Check wiring, components, control unit	A750.X3:36		E	1
8D3017	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) Short circuit of load Engine derating 50% (Mach-FL) Check wiring between control unit and components	A750.X3:36		E	1
8D301D	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) PCV Flow regulation upper stop no reaction Check components	A750.X3:36		E	1
8D301E	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) PCV Flow regulation lower stop no reaction Check components	A750.X3:36		E	1
8D3052	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) PWM plausibility no reaction Check components	A750.X3:36		E	1
8D305D	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) PCV open due to excess pressure no reaction Check operation status of engine	A750.X3:36		E	1
8D306C	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) Reg. deviation current value Engine derating 50% (Mach-FL) Report all error parameters to Service	A750.X3:36		E	1
8D306D	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) Short circuit after supply voltage Plus switch Engine derating 50% (Mach-FL) Check wiring between control unit and components	A750.X3:36		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D306E	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) Short circuit after supply voltage ground switch Engine derating 50% (Mach-FL) Check wiring between control unit and components	A750.X3:36		E	1
8D306F	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) Short circuit after ground Plus switch Engine derating 50% (Mach-FL) Check wiring between control unit and components	A750.X3:36		E	1
8D3070	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) Short circuit after ground, ground switch Engine derating 50% (Mach-FL) Check wiring between control unit and components	A750.X3:36		E	1
8D3074	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) Lower limit value for regulation reached no reaction No measure required	A750.X3:36		E	1
8D3105	Engine uppercarr. Exhaust return valve 1 Communication error Engine derating 25% (Mach-FL) Check wiring, CAN-participant	A750.X3:4		E	1
8D3121	Engine uppercarr. Exhaust return valve 1 Voltage outside permissible range Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X3:4		E	1
8D3133	Engine uppercarr. Exhaust return valve 1 Data transfer CAN problematic Engine derating 25% (Mach-FL) Check wiring, CAN-participant	A750.X3:4		E	1
8D3134	Engine uppercarr. Exhaust return valve 1 Hardware Error Engine derating 25% (Mach-FL) Check module	A750.X3:4		E	1
8D3135	Engine uppercarr. Exhaust return valve 1 Excess temperature error Engine derating 25% (Mach-FL) Check cooling of module	A750.X3:4		E	1
8D3136	Engine uppercarr. Exhaust return valve 1 Calibration error Engine derating 25% (Mach-FL) Check module	A750.X3:4		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D3137	Engine uppercarr. Exhaust return valve 1 Error Reference position Engine derating 25% (Mach-FL) Check module	A750.X3:4		E	1
8D3138	Engine uppercarr. Exhaust return valve 1 Error Regulation deviation Engine derating 25% (Mach-FL) Check components	A750.X3:4		E	1
8D3139	Engine uppercarr. Exhaust return valve 1 Error Absolute position Engine derating 25% (Mach-FL) Check module	A750.X3:4		E	1
8D3303	Engine uppercarr. Injector 1 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:29		E	1
8D3304	Engine uppercarr. Injector 1 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:29		E	1
8D3308	Engine uppercarr. Injector 1 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:29		E	1
8D331F	Engine uppercarr. Injector 1 No current increase time measureable Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750.X4:29		E	1
8D3320	Engine uppercarr. Injector 1 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750.X4:29		E	1
8D3403	Engine uppercarr. Injector 2 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:25		E	1
8D3404	Engine uppercarr. Injector 2 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:25		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D3408	Engine uppercarr. Injector 2 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:25		E	1
8D341F	Engine uppercarr. Injector 2 No current increase time measureable Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750.X4:25		E	1
8D3420	Engine uppercarr. Injector 2 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750.X4:25		E	1
8D3503	Engine uppercarr. Injector 3 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:21		E	1
8D3504	Engine uppercarr. Injector 3 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:21		E	1
8D3508	Engine uppercarr. Injector 3 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:21		E	1
8D351F	Engine uppercarr. Injector 3 No current increase time measureable Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750.X4:21		E	1
8D3520	Engine uppercarr. Injector 3 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750.X4:21		E	1
8D3603	Engine uppercarr. Injector 4 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:17		E	1
8D3604	Engine uppercarr. Injector 4 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:17		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D3608	Engine uppercarr. Injector 4 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:17		E	1
8D361F	Engine uppercarr. Injector 4 No current increase time measureable Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750.X4:17		E	1
8D3620	Engine uppercarr. Injector 4 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750.X4:17		E	1
8D3703	Engine uppercarr. Injector 5 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:13		E	1
8D3704	Engine uppercarr. Injector 5 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:13		E	1
8D3708	Engine uppercarr. Injector 5 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:13		E	1
8D371F	Engine uppercarr. Injector 5 No current increase time measureable Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750.X4:13		E	1
8D3720	Engine uppercarr. Injector 5 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750.X4:13		E	1
8D3803	Engine uppercarr. Injector 6 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:9		E	1
8D3804	Engine uppercarr. Injector 6 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:9		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D3808	Engine uppercarr. Injector 6 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:9		E	1
8D381F	Engine uppercarr. Injector 6 No current increase time measureable Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750.X4:9		E	1
8D3820	Engine uppercarr. Injector 6 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750.X4:9		E	1
8D3903	Engine uppercarr. Injector 7 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:5		E	1
8D3904	Engine uppercarr. Injector 7 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:5		E	1
8D3908	Engine uppercarr. Injector 7 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:5		E	1
8D391F	Engine uppercarr. Injector 7 No current increase time measureable Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750.X4:5		E	1
8D3920	Engine uppercarr. Injector 7 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750.X4:5		E	1
8D3A03	Engine uppercarr. Injector 8 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:1		E	1
8D3A04	Engine uppercarr. Injector 8 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:1		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D3A08	Engine uppercarr. Injector 8 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X4:1		E	1
8D3A1F	Engine uppercarr. Injector 8 No current increase time measureable Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750.X4:1		E	1
8D3A20	Engine uppercarr. Injector 8 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750.X4:1		E	1
8D3B03	Engine uppercarr. Travel pedal sensor 1 short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X2:7		E	1
8D3B0B	Engine uppercarr. Travel pedal sensor 1 Short circuit after ground or line interruption no reaction Check wiring between control unit and components	A750.X2:7		E	1
8D3C03	Engine uppercarr. Travel pedal sensor 2 short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X2:11		E	1
8D3C0B	Engine uppercarr. Travel pedal sensor 2 Short circuit after ground or line interruption no reaction Check wiring between control unit and components	A750.X2:11		E	1
8D3D16	Engine uppercarr. Travel pedal sensor Plausibility error no reaction Check wiring between control unit and components	A750.X4:7		E	1
8D3E03	Engine uppercarr. Fan 1 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X1:60		E	1
8D3E04	Engine uppercarr. Fan 1 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X1:60		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D3E08	Engine uppercarr. Fan 1 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X1:60		E	1
8D3E17	Engine uppercarr. Fan 1 Short circuit of load Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X1:60		E	1
8D3E6C	Engine uppercarr. Fan 1 Reg. deviation current value Engine derating 25% (Mach-FL) Report all error parameters to Service	A750.X1:60		E	1
8D3E6D	Engine uppercarr. Fan 1 Short circuit after supply voltage Plus switch Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X1:60		E	1
8D3E6E	Engine uppercarr. Fan 1 Short circuit after supply voltage ground switch Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X1:60		E	1
8D3E6F	Engine uppercarr. Fan 1 Short circuit after ground Plus switch Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X1:60		E	1
8D3E70	Engine uppercarr. Fan 1 Short circuit after ground, ground switch Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X1:60		E	1
8D3F03	Engine uppercarr. Fan 2 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X1:61		E	1
8D3F04	Engine uppercarr. Fan 2 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X1:61		E	1
8D3F08	Engine uppercarr. Fan 2 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X1:61		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D3F17	Engine uppercarr. Fan 2 Short circuit of load Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X1:61		E	1
8D3F6C	Engine uppercarr. Fan 2 Reg. deviation current value Engine derating 25% (Mach-FL) Report all error parameters to Service	A750.X1:61		E	1
8D3F6D	Engine uppercarr. Fan 2 Short circuit after supply voltage Plus switch Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X1:61		E	1
8D3F6E	Engine uppercarr. Fan 2 Short circuit after supply voltage ground switch Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X1:61		E	1
8D3F6F	Engine uppercarr. Fan 2 Short circuit after ground Plus switch Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X1:61		E	1
8D3F70	Engine uppercarr. Fan 2 Short circuit after ground, ground switch Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X1:61		E	1
8D4003	Engine uppercarr. Alternator 1 short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X3:57		E	1
8D4004	Engine uppercarr. Alternator 1 short circuit to ground no reaction Check wiring between control unit and components	A750.X3:57		E	1
8D4221	Engine uppercarr. Motor Sensor supply U_VCC-M1 (5V) Voltage outside permissible range no reaction Check control unit, supplies	A750.X3:9		E	1
8D4321	Engine uppercarr. Motor Sensor supply U_VCC-M2 (5V) Voltage outside permissible range no reaction Check control unit, supplies	A750.X3:17		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D4421	Engine uppercarr. Motor Sensor supply U_VCC-M3 (5V) Voltage outside permissible range no reaction Check control unit, supplies	A750.X3:25		E	1
8D4521	Engine uppercarr. Motor Sensor supply U_VCC-M4 (5V) Voltage outside permissible range no reaction Check control unit, supplies	A750.X4:41		E	1
8D4621	Engine uppercarr. Motor Sensor supply U_VCC-M5 (5V) Voltage outside permissible range no reaction Check control unit, supplies	A750.X4:42		E	1
8D4721	Engine uppercarr. Motor Sensor supply U_VCC-M6 (5V) Voltage outside permissible range no reaction Check control unit, supplies	A750.X4:43		E	1
8D4821	Engine uppercarr. Motor Sensor supply U_VCC-M7 (5V) Voltage outside permissible range no reaction Check control unit, supplies	A750.X4:44		E	1
8D4921	Engine uppercarr. Machine Sensor supply U_VCC-G1 (5V) Voltage outside permissible range no reaction Check control unit, supplies	A750.X1:1		E	1
8D4A21	Engine uppercarr. Machine Sensor supply U_VCC-G2 (5V) Voltage outside permissible range no reaction Check control unit, supplies	A750.X1:9		E	1
8D4B21	Engine uppercarr. Machine Sensor supply U_VCC-G3 (5V) Voltage outside permissible range no reaction Check control unit, supplies	A750.X2:16		E	1
8D4C21	Engine uppercarr. Motor Sensor supply U_UBATT-M1 (Battery) Voltage outside permissible range no reaction Check control unit, supplies, battery voltage	A750		E	1
8D4D21	Engine uppercarr. Motor Sensor supply U_UBATT-M2 (Battery) Voltage outside permissible range no reaction Check control unit, supplies, battery voltage	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D4E21	Engine uppercarr. Machine Sensor supply U_UBATT-G1 (Battery) Voltage outside permissible range no reaction Check control unit, supplies, battery voltage	A750.X2:8		E	1
8D4F21	Engine uppercarr. Machine Sensor supply U_UBATT-G2 (Battery) Voltage outside permissible range no reaction Check control unit, supplies, battery voltage	A750.X2:12		E	1
8D5021	Engine uppercarr. Machine Sensor supply U_UBATT-G3 (Battery) Voltage outside permissible range no reaction Check control unit, supplies, battery voltage	A750.X2:46		E	1
8D5121	Engine uppercarr. Machine Sensor supply U_UBATT-G4 (Battery) Voltage outside permissible range no reaction Check control unit, supplies, battery voltage	A750.X1:17		E	1
8D5221	Engine uppercarr. Machine Sensor supply U_UBATT-G5 (Battery) Voltage outside permissible range no reaction Check control unit, supplies, battery voltage	A750.X1_42		E	1
8D5321	Engine uppercarr. Internal Sensor supply U_VCC_SENSOR 1 Voltage outside permissible range no reaction Check control unit, supplies, battery voltage	A750		E	1
8D5421	Engine uppercarr. Internal Sensor supply U_VDD_SENSOR 2 Voltage outside permissible range no reaction Check control unit, supplies, battery voltage	A750		E	1
8D5521	Engine uppercarr. Internal Sensor supply U_BATT_SENSOR (Battery) Voltage outside permissible range no reaction Check control unit, supplies, battery voltage	A750		E	1
8D5621	Engine uppercarr. Temperature sensor supply U_TI_VCC_5V Voltage outside permissible range no reaction Check control unit, supplies, battery voltage	A750		E	1
8D5722	Engine uppercarr. Injection time Pre-injection before injection too close to pre-injection no reaction 0.0	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D5723	Engine uppercarr. Injection time Pre-injecton too close to main injection no reaction 0.0	A750		E	1
8D5724	Engine uppercarr. Injection time Post-injection too close to main injection no reaction 0.0	A750		E	1
8D5725	Engine uppercarr. Injection time Late post-injection too close to post-injection no reaction 0.0	A750		E	1
8D5814	Engine uppercarr. SCR System (pressure air pump) Signal remains below nominal value Inducement system activation (Mach-FL) Check SCR-System	A750		E	1
8D582C	Engine uppercarr. SCR System (pressure air pump) Status erroneous Inducement system activation (Mach-FL) 1) check lines for air supply 2) check fuse for air pump 3) check air supply system	A750		E	1
8D5927	Engine uppercarr. SCR System Urea (AdBlue) nozzle plugged Inducement system activation (Mach-FL) Check SCR-System	A750		E	1
8D592A	Engine uppercarr. SCR System Interruption of ventilation procedure no reaction Check components	A750		E	1
8D5931	Engine uppercarr. SCR System Bad efficiency of NOX-reduction no reaction Check SCR-System	A750		E	1
8D5932	Engine uppercarr. SCR System Very bad efficiency of NOX-reduction Inducement system activation (Mach-FL) Check SCR-System	A750		E	1
8D596B	Engine uppercarr. SCR System Last venting of AdBlue line interrupted no reaction Report all error parameters to Service	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D5A08	Engine uppercarr. NOX Sensor (before SCR) Line interruption Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X1:4		E	1
8D5A18	Engine uppercarr. NOX Sensor (before SCR) Short circuit Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X1:4		E	1
8D5A1B	Engine uppercarr. NOX Sensor (before SCR) Invalid data Inducement system activation (Mach-FL) Check operation status of engine	A750.X1:4		E	1
8D5A2E	Engine uppercarr. NOX Sensor (before SCR) Sensor removed from exhaust line Inducement system activation (Mach-FL) Check components	A750.X1:4		E	1
8D5A2F	Engine uppercarr. NOX Sensor (before SCR) Heating element broken Inducement system activation (Mach-FL) Check wiring, replace components	A750.X1:4		E	1
8D5A30	Engine uppercarr. NOX Sensor (before SCR) Offset Error Inducement system activation (Mach-FL) Check operation status of engine	A750.X1:4		E	1
8D5B05	Engine uppercarr. NOX Sensor (after SCR) Communication error Inducement system activation (Mach-FL) Check wiring, CAN-participant	A750.X1:4		E	1
8D5B08	Engine uppercarr. NOX Sensor (after SCR) Line interruption Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X1:4		E	1
8D5B18	Engine uppercarr. NOX Sensor (after SCR) Short circuit Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X1:4		E	1
8D5B1B	Engine uppercarr. NOX Sensor (after SCR) Invalid data Inducement system activation (Mach-FL) Check operation status of engine	A750.X1:4		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D5B2E	Engine uppercarr. NOX Sensor (after SCR) Sensor removed from exhaust line Inducement system activation (Mach-FL) Check wiring, replace components	A750.X1:4		E	1
8D5B2F	Engine uppercarr. NOX Sensor (after SCR) Heating element broken Inducement system activation (Mach-FL) Check wiring, replace components	A750.X1:4		E	1
8D5B30	Engine uppercarr. NOX Sensor (after SCR) Offset Error Inducement system activation (Mach-FL) Check operation status of engine	A750.X1:4		E	1
8D5C01	Engine uppercarr. Regulation alternator (voltage signal) Value above max. test range no reaction Check wiring between control unit and components	A750.X3:57		E	1
8D5C06	Engine uppercarr. Regulation alternator (voltage signal) internal error no reaction Check components	A750.X3:57		E	1
8D5C38	Engine uppercarr. Regulation alternator (voltage signal) Error Regulation deviation no reaction Check components	A750.X3:57		E	1
8D5C4E	Engine uppercarr. Regulation alternator (voltage signal) Overload no reaction Check components	A750.X3:57		E	1
8D5C4F	Engine uppercarr. Regulation alternator (voltage signal) Error when engine running no reaction Check components	A750.X3:57		E	1
8D5C50	Engine uppercarr. Regulation alternator (voltage signal) Error intelligent alternator no reaction Check components	A750.X3:57		E	1
8D5C51	Engine uppercarr. Regulation alternator (voltage signal) Fuse defective no reaction Check components	A750.X3:57		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D5D16	Engine uppercarr. Air filter monitor pressure sensor Plausibility error Engine derating 25% (Mach-FL) Check components	A750		E	1
8D5F05	Engine uppercarr. NOX Sensor Communication error Inducement system activation (Mach-FL) Check wiring, CAN-participant	A750.X1:4		E	1
8D5F2D	Engine uppercarr. NOX Sensor Installation error Inducement system activation (Mach-FL) Check installation, position of sensors	A750.X1:4		E	1
8D6003	Engine uppercarr. Distributor gear temperature sensor short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X4:53		E	1
8D6004	Engine uppercarr. Distributor gear temperature sensor short circuit to ground no reaction Check wiring between control unit and components	A750.X4:53		E	1
8D6008	Engine uppercarr. Distributor gear temperature sensor Line interruption no reaction Check wiring between control unit and components	A750.X4:53		E	1
8D6009	Engine uppercarr. Distributor gear temperature sensor Value above warning threshold no reaction Check operation status of engine	A750.X4:53		E	1
8D600A	Engine uppercarr. Distributor gear temperature sensor Value above critical threshold no reaction Check operation status of engine	A750.X4:53		E	1
8D6064	Engine uppercarr. Distributor gear temperature sensor Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X4:53		E	1
8D6103	Engine uppercarr. Supply relay Engine sensory short circuit to supply voltage Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X2:25		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D6104	Engine uppercarr. Supply relay Engine sensory short circuit to ground Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X2:25		E	1
8D6108	Engine uppercarr. Supply relay Engine sensory Line interruption Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X2:25		E	1
8D616C	Engine uppercarr. Supply relay Engine sensory Reg. deviation current value Inducement system activation (Mach-FL) Report all error parameters to Service	A750.X2:25		E	1
8D616D	Engine uppercarr. Supply relay Engine sensory Short circuit after supply voltage Plus switch Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X2:25		E	1
8D616E	Engine uppercarr. Supply relay Engine sensory Short circuit after supply voltage ground switch Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X2:25		E	1
8D616F	Engine uppercarr. Supply relay Engine sensory Short circuit after ground Plus switch Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X2:25		E	1
8D6170	Engine uppercarr. Supply relay Engine sensory Short circuit after ground, ground switch Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X2:25		E	1
8D6233	Engine uppercarr. AMET CAN (CAN ID 585) Data transfer CAN problematic no reaction Check wiring, CAN-participant	A750		E	1
8D6333	Engine uppercarr. AMET CAN (CAN ID 594) Data transfer CAN problematic no reaction Check wiring, CAN-participant	A750		E	1
8D6433	Engine uppercarr. BAUMA CAN Data transfer CAN problematic no reaction Check wiring, CAN-participant	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D647E	Engine uppercarr. BAUMA CAN invalid I/O configuration, master file no reaction Check I/O-Config file on Master Flash card	A750		E	1
8D6533	Engine uppercarr. ABS Control unit Data transfer CAN problematic no reaction Check wiring, CAN-participant	A750		E	1
8D6633	Engine uppercarr. ABS Control unit 2 Data transfer CAN problematic no reaction Check wiring, CAN-participant	A750		E	1
8D6733	Engine uppercarr. Coupling regulation Data transfer CAN problematic no reaction Check wiring, CAN-participant	A750		E	1
8D6833	Engine uppercarr. CAN signal transmission control unit Data transfer CAN problematic no reaction Check wiring, CAN-participant	A750		E	1
8D6933	Engine uppercarr. CAN signal transmission control unit Data transfer CAN problematic no reaction Check wiring, CAN-participant	A750		E	1
8D6A33	Engine uppercarr. CAN signal transmission control unit Data transfer CAN problematic no reaction Check wiring, CAN-participant	A750		E	1
8D6B33	Engine uppercarr. Retarder control unit Data transfer CAN problematic no reaction Check wiring, CAN-participant	A750		E	1
8D6C33	Engine uppercarr. CAN- signal I/O module Data transfer CAN problematic no reaction Check wiring, CAN-participant	A750		E	1
8D6D33	Engine uppercarr. CAN- signal I/O module Data transfer CAN problematic no reaction Check wiring, CAN-participant	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D6E33	Engine uppercarr. CAN- signal I/O module Data transfer CAN problematic no reaction Check wiring, CAN-participant	A750		E	1
8D6F07	Engine uppercarr. Supply voltage Value below warning threshold no reaction Check control unit, supplies, battery voltage	A750		E	1
8D6F09	Engine uppercarr. Supply voltage Value above warning threshold no reaction Check operation status of engine	A750		E	1
8D7005	Engine uppercarr. Exhaust flap 1 Communication error Inducement system activation (Mach-FL) Check wiring, CAN-participant	A750.X3:4		E	1
8D7033	Engine uppercarr. Exhaust flap 1 Data transfer CAN problematic Inducement system activation (Mach-FL) Check wiring, CAN-participant	A750.X3:4		E	1
8D7034	Engine uppercarr. Exhaust flap 1 Hardware Error Inducement system activation (Mach-FL) Check module	A750.X3:4		E	1
8D7035	Engine uppercarr. Exhaust flap 1 Excess temperature error Inducement system activation (Mach-FL) Check cooling of module	A750.X3:4		E	1
8D7036	Engine uppercarr. Exhaust flap 1 Calibration error Inducement system activation (Mach-FL) Check module	A750.X3:4		E	1
8D7037	Engine uppercarr. Exhaust flap 1 Error Reference position Inducement system activation (Mach-FL) Check module	A750.X3:4		E	1
8D7038	Engine uppercarr. Exhaust flap 1 Error Regulation deviation Engine derating 50% (Mach-FL) Check components	A750.X3:4		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D7039	Engine uppercarr. Exhaust flap 1 Error Absolute position Inducement system activation (Mach-FL) Check module	A750.X3:4		E	1
8D7121	Engine uppercarr. Supply voltage exhaust flap 1 Voltage outside permissible range Inducement system activation (Mach-FL) Check wiring between control unit and components	A750		E	1
8D7203	Engine uppercarr. Exhaust temperature sensor (before DOC) short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X1:24		E	1
8D7204	Engine uppercarr. Exhaust temperature sensor (before DOC) short circuit to ground no reaction Check wiring between control unit and components	A750.X1:24		E	1
8D7208	Engine uppercarr. Exhaust temperature sensor (before DOC) Line interruption no reaction Check wiring between control unit and components	A750.X1:24		E	1
8D7209	Engine uppercarr. Exhaust temperature sensor (before DOC) Value above warning threshold no reaction Check operation status of engine	A750.X1:24		E	1
8D720A	Engine uppercarr. Exhaust temperature sensor (before DOC) Value above critical threshold no reaction Check operation status of engine	A750.X1:24		E	1
8D7216	Engine uppercarr. Exhaust temperature sensor (before DOC) Plausibility error no reaction Check wiring between control unit and components	A750.X1:24		E	1
8D7264	Engine uppercarr. Exhaust temperature sensor (before DOC) Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X1:24		E	1
8D7303	Engine uppercarr. Actuation central lubrication system short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X2:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D7304	Engine uppercarr. Actuation central lubrication system short circuit to ground no reaction Check wiring between control unit and components	A750.X2:9		E	1
8D7308	Engine uppercarr. Actuation central lubrication system Line interruption no reaction Check wiring, wiring harness	A750.X2:9		E	1
8D736C	Engine uppercarr. Actuation central lubrication system Reg. deviation current value no reaction Report all error parameters to Service	A750.X2:9		E	1
8D736D	Engine uppercarr. Actuation central lubrication system Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750.X2:9		E	1
8D736E	Engine uppercarr. Actuation central lubrication system Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750.X2:9		E	1
8D736F	Engine uppercarr. Actuation central lubrication system Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750.X2:9		E	1
8D7370	Engine uppercarr. Actuation central lubrication system Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750.X2:9		E	1
8D7403	Engine uppercarr. Actuation Air flap short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X2:13		E	1
8D7404	Engine uppercarr. Actuation Air flap short circuit to ground no reaction Check wiring between control unit and components	A750.X2:13		E	1
8D7408	Engine uppercarr. Actuation Air flap Line interruption no reaction Check wiring, wiring harness	A750.X2:13		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D746C	Engine uppercarr. Actuation Air flap Reg. deviation current value no reaction Report all error parameters to Service	A750.X2:13		E	1
8D746D	Engine uppercarr. Actuation Air flap Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750.X2:13		E	1
8D746E	Engine uppercarr. Actuation Air flap Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750.X2:13		E	1
8D746F	Engine uppercarr. Actuation Air flap Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750.X2:13		E	1
8D7470	Engine uppercarr. Actuation Air flap Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750.X2:13		E	1
8D7503	Engine uppercarr. Machine configurable lamp outlet 1 short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X2:1		E	1
8D7504	Engine uppercarr. Machine configurable lamp outlet 1 short circuit to ground no reaction Check wiring between control unit and components	A750.X2:1		E	1
8D7508	Engine uppercarr. Machine configurable lamp outlet 1 Line interruption no reaction Check wiring, wiring harness	A750.X2:1		E	1
8D756C	Engine uppercarr. Machine configurable lamp outlet 1 Reg. deviation current value no reaction Report all error parameters to Service	A750.X2:1		E	1
8D756D	Engine uppercarr. Machine configurable lamp outlet 1 Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750.X2:1		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D756E	Engine uppercarr. Machine configurable lamp outlet 1 Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750.X2:1		E	1
8D756F	Engine uppercarr. Machine configurable lamp outlet 1 Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750.X2:1		E	1
8D7570	Engine uppercarr. Machine configurable lamp outlet 1 Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750.X2:1		E	1
8D7603	Engine uppercarr. Engine stop warning light output (RSL) short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X2:5		E	1
8D7604	Engine uppercarr. Engine stop warning light output (RSL) short circuit to ground no reaction Check wiring between control unit and components	A750.X2:5		E	1
8D7608	Engine uppercarr. Engine stop warning light output (RSL) Line interruption no reaction Check wiring, wiring harness	A750.X2:5		E	1
8D766C	Engine uppercarr. Engine stop warning light output (RSL) Reg. deviation current value no reaction Report all error parameters to Service	A750.X2:5		E	1
8D766D	Engine uppercarr. Engine stop warning light output (RSL) Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750.X2:5		E	1
8D766E	Engine uppercarr. Engine stop warning light output (RSL) Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750.X2:5		E	1
8D766F	Engine uppercarr. Engine stop warning light output (RSL) Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750.X2:5		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D7670	Engine uppercarr. Engine stop warning light output (RSL) Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750.X2:5		E	1
8D7705	Engine uppercarr. Ammonia sensor Communication error Engine derating 25% (Mach-FL) Check wiring, CAN-participant	A750.X1:4		E	1
8D7706	Engine uppercarr. Ammonia sensor internal error Engine derating 25% (Mach-FL) Check components	A750.X1:4		E	1
8D7709	Engine uppercarr. Ammonia sensor Value above warning threshold no reaction Check operation status of engine	A750.X1:4		E	1
8D773A	Engine uppercarr. Ammonia sensor Error Heater element Engine derating 25% (Mach-FL) Check wiring, replace components	A750.X1:4		E	1
8D773B	Engine uppercarr. Ammonia sensor Error Resistance Engine derating 25% (Mach-FL) Check components	A750.X1:4		E	1
8D773C	Engine uppercarr. Ammonia sensor Error Trim calibration Engine derating 25% (Mach-FL) Check wiring between module and sensor, replace sensor	A750.X1:4		E	1
8D773D	Engine uppercarr. Ammonia sensor Electric error Engine derating 25% (Mach-FL) Check components	A750.X1:4		E	1
8D774B	Engine uppercarr. Ammonia sensor Error supply heating element Engine derating 25% (Mach-FL) Check wiring, replace components	A750.X1:4		E	1
8D7805	Engine uppercarr. Water pump Communication error no reaction Check wiring, CAN-participant	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D783E	Engine uppercarr. Water pump Rpm nominal value cannot be reached no reaction Check components	A750		E	1
8D7857	Engine uppercarr. Water pump Engine error no reaction Check components	A750		E	1
8D793F	Engine uppercarr. Injector supply voltage Up converter cannot reach nominal current no reaction Check control unit	A750		E	1
8D7A40	Engine uppercarr. Emergency stop Signal Kl.15 on during active emerg. stop no reaction Check emerg. stop, Turn ignition off/on	A750		E	1
8D7B09	Engine uppercarr. Alternator 1 (Output voltage) Value above warning threshold no reaction Check operation status of engine	A750.X3:12		E	1
8D7B0A	Engine uppercarr. Alternator 1 (Output voltage) Value above critical threshold no reaction Check operation status of engine	A750.X3:12		E	1
8D7B0B	Engine uppercarr. Alternator 1 (Output voltage) Short circuit after ground or line interruption no reaction Check wiring between control unit and components	A750.X3:12		E	1
8D7C03	Engine uppercarr. Temperature sensor after charge air cooler short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X3:33		E	1
8D7C04	Engine uppercarr. Temperature sensor after charge air cooler short circuit to ground no reaction Check wiring between control unit and components	A750.X3:33		E	1
8D7C08	Engine uppercarr. Temperature sensor after charge air cooler Line interruption no reaction Check wiring between control unit and components	A750.X3:33		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D7C09	Engine uppercarr. Temperature sensor after charge air cooler Value above warning threshold no reaction Check operation status of engine	A750.X3:33		E	1
8D7C0A	Engine uppercarr. Temperature sensor after charge air cooler Value above critical threshold no reaction Check operation status of engine	A750.X3:33		E	1
8D7C64	Engine uppercarr. Temperature sensor after charge air cooler Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X3:33		E	1
8D7D03	Engine uppercarr. Alternator 1 (Frequency input) short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X3:53		E	1
8D7E03	Engine uppercarr. Alternator 2 (Output voltage) short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X4:45		E	1
8D7E04	Engine uppercarr. Alternator 2 (Output voltage) short circuit to ground no reaction Check wiring between control unit and components	A750.X4:45		E	1
8D7E08	Engine uppercarr. Alternator 2 (Output voltage) Line interruption no reaction Check wiring between control unit and components	A750.X4:45		E	1
8D7E09	Engine uppercarr. Alternator 2 (Output voltage) Value above warning threshold no reaction Check operation status of engine	A750.X4:45		E	1
8D7E0A	Engine uppercarr. Alternator 2 (Output voltage) Value above critical threshold no reaction Check operation status of engine	A750.X4:45		E	1
8D7E64	Engine uppercarr. Alternator 2 (Output voltage) Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X4:45		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D7F03	Engine uppercarr. Alternator 2 (Lamp) short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X4:40		E	1
8D7F09	Engine uppercarr. Alternator 2 (Lamp) Value above warning threshold no reaction Check operation status of engine	A750.X4:40		E	1
8D7F0A	Engine uppercarr. Alternator 2 (Lamp) Value above critical threshold no reaction Check operation status of engine	A750.X4:40		E	1
8D7F0B	Engine uppercarr. Alternator 2 (Lamp) Short circuit after ground or line interruption no reaction Check wiring between control unit and components	A750.X4:40		E	1
8D7F64	Engine uppercarr. Alternator 2 (Lamp) Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X4:40		E	1
8D8014	Engine uppercarr. SCR metering regulator Signal remains below nominal value no reaction Check components	A750		E	1
8D8015	Engine uppercarr. SCR metering regulator Signal remains above nominal value no reaction Check components	A750		E	1
8D8074	Engine uppercarr. SCR metering regulator Lower limit value for regulation reached no reaction No measure required	A750		E	1
8D8075	Engine uppercarr. SCR metering regulator Upper limit value for regulation reached no reaction No measure required	A750		E	1
8D8105	Engine uppercarr. Exhaust flap 2 Communication error Inducement system activation (Mach-FL) Check wiring, CAN-participant	A750.X3:4		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D8133	Engine uppercarr. Exhaust flap 2 Data transfer CAN problematic Inducement system activation (Mach-FL) Check wiring, CAN-participant	A750.X3:4		E	1
8D8134	Engine uppercarr. Exhaust flap 2 Hardware Error Inducement system activation (Mach-FL) Check module	A750.X3:4		E	1
8D8135	Engine uppercarr. Exhaust flap 2 Excess temperature error Inducement system activation (Mach-FL) Check cooling of module	A750.X3:4		E	1
8D8136	Engine uppercarr. Exhaust flap 2 Calibration error Inducement system activation (Mach-FL) Check module	A750.X3:4		E	1
8D8137	Engine uppercarr. Exhaust flap 2 Error Reference position Inducement system activation (Mach-FL) Check module	A750.X3:4		E	1
8D8138	Engine uppercarr. Exhaust flap 2 Error Regulation deviation Engine derating 50% (Mach-FL) Check components	A750.X3:4		E	1
8D8139	Engine uppercarr. Exhaust flap 2 Error Absolute position Inducement system activation (Mach-FL) Check module	A750.X3:4		E	1
8D8221	Engine uppercarr. Supply voltage exhaust flap 2 Voltage outside permissible range Inducement system activation (Mach-FL) Check wiring between control unit and components	A750		E	1
8D8304	Engine uppercarr. Digital input Starter signal short circuit to ground no reaction Check wiring between control unit and components	A750.X2:24		E	1
8D8308	Engine uppercarr. Digital input Starter signal Line interruption no reaction Check wiring, wiring harness	A750.X2:24		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D8321	Engine uppercarr. Digital input Starter signal Voltage outside permissible range no reaction Check wiring between control unit and components	A750.X2:24		E	1
8D835B	Engine uppercarr. Digital input Starter signal Start block due to a short circuit no reaction Check wiring, components, control unit	A750.X2:24		E	1
8D8364	Engine uppercarr. Digital input Starter signal Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X2:24		E	1
8D8408	Engine uppercarr. Digital input emerg. off Line interruption no reaction Check wiring between control unit and components	A750.X2:26		E	1
8D8421	Engine uppercarr. Digital input emerg. off Voltage outside permissible range no reaction Check wiring between control unit and components	A750.X2:26		E	1
8D8464	Engine uppercarr. Digital input emerg. off Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X2:26		E	1
8D8508	Engine uppercarr. Digital input test bench operation Line interruption no reaction Check wiring, wiring harness	A750.X2:27		E	1
8D8521	Engine uppercarr. Digital input test bench operation Voltage outside permissible range no reaction Check wiring between control unit and components	A750.X2:27		E	1
8D8564	Engine uppercarr. Digital input test bench operation Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X2:27		E	1
8D8608	Engine uppercarr. Digital input emerg. run rpm Line interruption no reaction Check wiring, wiring harness	A750.X2:23		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D8621	Engine uppercarr. Digital input emerg. run rpm Voltage outside permissible range no reaction Check wiring between control unit and components	A750.X2:23		E	1
8D8664	Engine uppercarr. Digital input emerg. run rpm Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X2:23		E	1
8D8708	Engine uppercarr. Digital input LWE emerg. Op. Line interruption no reaction Check wiring, wiring harness	A750.X2:24		E	1
8D8721	Engine uppercarr. Digital input LWE emerg. Op. Voltage outside permissible range no reaction Check wiring between control unit and components	A750.X2:24		E	1
8D8764	Engine uppercarr. Digital input LWE emerg. Op. Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X2:24		E	1
8D8808	Engine uppercarr. Digital input Slave Line interruption no reaction Check wiring, wiring harness	A750.X2:22		E	1
8D8821	Engine uppercarr. Digital input Slave Voltage outside permissible range no reaction Check wiring between control unit and components	A750.X2:22		E	1
8D8864	Engine uppercarr. Digital input Slave Error supply voltage sensors Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X2:22		E	1
8D8907	Engine uppercarr. Reductions because of exhaust quality Value below warning threshold no reaction Read out error stack and note other system errors	A750		E	1
8D8941	Engine uppercarr. Reductions because of exhaust quality Power or speed limitation active no reaction Read out error stack and note other system errors	A750		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D8942	Engine uppercarr. Reductions because of exhaust quality Increased power or speed limitation active no reaction Read out error stack and note other system errors	A750		E	1
8D8943	Engine uppercarr. Reductions because of exhaust quality Blocked in increased power or speed limitation no reaction Read out error stack and note other system errors	A750		E	1
8D8944	Engine uppercarr. Reductions because of exhaust quality Engine start block due to empty urea tank no reaction Read out error stack and note other system errors	A750		E	1
8D8A38	Engine uppercarr. Signals vehicle speed Error Regulation deviation no reaction Check components	A750		E	1
8D8B21	Engine uppercarr. Urea (AdBlue) Quality Voltage outside permissible range Inducement system activation (Mach-FL) Check wiring between control unit and components	A750		E	1
8D8B76	Engine uppercarr. Urea (AdBlue) Quality Urea quality outside tolerance range Inducement system activation (Mach-FL) 1) Empty, clean AdBlue tank, replace contents 2) check AdBlue sampling module, clean	A750		E	1
8D8C08	Engine uppercarr. Data transfer CAN 1 Line interruption Inducement system activation (Mach-FL) Check wiring, wiring harness	A750.X2:39		E	1
8D8C18	Engine uppercarr. Data transfer CAN 1 Short circuit Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X2:39		E	1
8D8D08	Engine uppercarr. Data transfer CAN 2 Line interruption Inducement system activation (Mach-FL) Check wiring, wiring harness	A750.X1:4		E	1
8D8D18	Engine uppercarr. Data transfer CAN 2 Short circuit Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X1:4		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D8E08	Engine uppercarr. Data transfer CAN 3 Line interruption Inducement system activation (Mach-FL) Check wiring, wiring harness	A750.X2:52		E	1
8D8E18	Engine uppercarr. Data transfer CAN 3 Short circuit Inducement system activation (Mach-FL) Check wiring between control unit and components	A750.X2:52		E	1
8D8F03	Engine uppercarr. Injector 9 short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D8F04	Engine uppercarr. Injector 9 short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D8F08	Engine uppercarr. Injector 9 Line interruption no reaction Check wiring between control unit and components	A750		E	1
8D8F1F	Engine uppercarr. Injector 9 No current increase time measureable no reaction Check wiring, components, control unit	A750		E	1
8D8F20	Engine uppercarr. Injector 9 Current increase time too long no reaction Check wiring, components, control unit	A750		E	1
8D9003	Engine uppercarr. Injector 10 short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D9004	Engine uppercarr. Injector 10 short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D9008	Engine uppercarr. Injector 10 Line interruption no reaction Check wiring between control unit and components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D901F	Engine uppercarr. Injector 10 No current increase time measureable no reaction Check wiring, components, control unit	A750		E	1
8D9020	Engine uppercarr. Injector 10 Current increase time too long no reaction Check wiring, components, control unit	A750		E	1
8D9103	Engine uppercarr. Injector 11 short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D9104	Engine uppercarr. Injector 11 short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D9108	Engine uppercarr. Injector 11 Line interruption no reaction Check wiring between control unit and components	A750		E	1
8D911F	Engine uppercarr. Injector 11 No current increase time measureable no reaction Check wiring, components, control unit	A750		E	1
8D9120	Engine uppercarr. Injector 11 Current increase time too long no reaction Check wiring, components, control unit	A750		E	1
8D9203	Engine uppercarr. Injector 12 short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D9204	Engine uppercarr. Injector 12 short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D9208	Engine uppercarr. Injector 12 Line interruption no reaction Check wiring between control unit and components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D921F	Engine uppercarr. Injector 12 No current increase time measureable no reaction Check wiring, components, control unit	A750		E	1
8D9220	Engine uppercarr. Injector 12 Current increase time too long no reaction Check wiring, components, control unit	A750		E	1
8D9533	Engine uppercarr. CAN-message machine control (TSC1) Data transfer CAN problematic no reaction Check wiring, CAN-participant	A750		E	1
8D9603	Engine uppercarr. Fan 3 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X2:61		E	1
8D9604	Engine uppercarr. Fan 3 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X2:61		E	1
8D9608	Engine uppercarr. Fan 3 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X2:61		E	1
8D9617	Engine uppercarr. Fan 3 Short circuit of load Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X2:61		E	1
8D966C	Engine uppercarr. Fan 3 Reg. deviation current value Engine derating 25% (Mach-FL) Report all error parameters to Service	A750.X2:61		E	1
8D966D	Engine uppercarr. Fan 3 Short circuit after supply voltage Plus switch Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X2:61		E	1
8D966E	Engine uppercarr. Fan 3 Short circuit after supply voltage ground switch Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X2:61		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D966F	Engine uppercarr. Fan 3 Short circuit after ground Plus switch Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X2:61		E	1
8D9670	Engine uppercarr. Fan 3 Short circuit after ground, ground switch Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X2:61		E	1
8D9B14	Engine uppercarr. Fuel high pressure regulating valve (PCV) flow reg Signal remains below nominal value no reaction Check wiring, components, control unit	A750		E	1
8D9B15	Engine uppercarr. Fuel high pressure regulating valve (PCV) flow reg Signal remains above nominal value no reaction Check wiring, components, control unit	A750		E	1
8D9C03	Engine uppercarr. Actuation after run relay short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X2:22		E	1
8D9C04	Engine uppercarr. Actuation after run relay short circuit to ground no reaction Check wiring between control unit and components	A750.X2:22		E	1
8D9C08	Engine uppercarr. Actuation after run relay Line interruption no reaction Check wiring, wiring harness	A750.X2:22		E	1
8D9C6C	Engine uppercarr. Actuation after run relay Reg. deviation current value no reaction Report all error parameters to Service	A750.X2:22		E	1
8D9C6D	Engine uppercarr. Actuation after run relay Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750.X2:22		E	1
8D9C6E	Engine uppercarr. Actuation after run relay Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750.X2:22		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D9C6F	Engine uppercarr. Actuation after run relay Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750.X2:22		E	1
8D9C70	Engine uppercarr. Actuation after run relay Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750.X2:22		E	1
8D9D01	Engine uppercarr. Urea tank (temperature at suction point) Value above max. test range no reaction Check wiring between control unit and components	A750		E	1
8D9D02	Engine uppercarr. Urea tank (temperature at suction point) Value below min. test range no reaction Check wiring between control unit and components	A750		E	1
8D9D08	Engine uppercarr. Urea tank (temperature at suction point) Line interruption no reaction Check wiring between control unit and components	A750		E	1
8D9D09	Engine uppercarr. Urea tank (temperature at suction point) Value above warning threshold no reaction Check operation status of engine	A750		E	1
8D9D16	Engine uppercarr. Urea tank (temperature at suction point) Plausibility error no reaction Check components	A750		E	1
8D9D18	Engine uppercarr. Urea tank (temperature at suction point) Short circuit no reaction Check wiring between control unit and components	A750		E	1
8D9F03	Engine uppercarr. Particle filter pressure sensor 1 short circuit to supply voltage no reaction Check wiring between control unit and components	A750.X1:2		E	1
8D9F0B	Engine uppercarr. Particle filter pressure sensor 1 Short circuit after ground or line interruption no reaction Check wiring between control unit and components	A750.X1:2		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D9F16	Engine uppercarr. Particle filter pressure sensor 1 Plausibility error no reaction Check components	A750.X1:2		E	1
8D9F64	Engine uppercarr. Particle filter pressure sensor 1 Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X1:2		E	1
8DA103	Engine uppercarr. Air filter pressure switch short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X1:18		E	1
8DA10B	Engine uppercarr. Air filter pressure switch Short circuit after ground or line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X1:18		E	1
8DA121	Engine uppercarr. Air filter pressure switch Voltage outside permissible range Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X1:18		E	1
8DA164	Engine uppercarr. Air filter pressure switch Error supply voltage sensors Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750.X1:18		E	1
8DA221	Engine uppercarr. Terminal 15 digital input Voltage outside permissible range no reaction Check wiring between control unit and components	A750.X2:2		E	1
8DA264	Engine uppercarr. Terminal 15 digital input Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X2:2		E	1
8DA348	Engine uppercarr. Urea thawing procedure Efficiency error no reaction Check operation status of engine	A750		E	1
8DA44C	Engine uppercarr. Urea heater system Actuator error Inducement system activation (Mach-FL) Read out error stack and note other system errors	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DA44D	Engine uppercarr. Urea heater system Sensor error Inducement system activation (Mach-FL) Read out error stack and note other system errors	A750		E	1
8DB653	Engine uppercarr. Ueberwachungssystem Motorsteuergeraet Error plausibility starter actuation no reaction Check control unit	A750		E	1
8DB654	Engine uppercarr. Ueberwachungssystem Motorsteuergeraet Ecu internal error no reaction Check components	A750		E	1
8DB65F	Engine uppercarr. Ueberwachungssystem Motorsteuergeraet Error emerg. stop no reaction Check control unit	A750		E	1
8DB660	Engine uppercarr. Ueberwachungssystem Motorsteuergeraet PME CAN Error no reaction Check control unit	A750		E	1
8DB665	Engine uppercarr. Ueberwachungssystem Motorsteuergeraet Fuel injector plausibility error no reaction Check control unit	A750		E	1
8DB671	Engine uppercarr. Ueberwachungssystem Motorsteuergeraet Injection plausibility, error in fuel injector monitoring no reaction Check control unit	A750		E	1
8DB709	Engine uppercarr. Control unit temperature Value above warning threshold no reaction Check operation status of engine	A750		E	1
8DB70A	Engine uppercarr. Control unit temperature Value above critical threshold no reaction Check operation status of engine	A750		E	1
8DB855	Engine uppercarr. Pressure relief valve high pressure injection syst Too many activations no reaction Check operation status of engine	A750		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DB856	Engine uppercarr. Pressure relief valve high pressure injection syst Valve open Engine derating 25% (Mach-FL) Check operation status of engine	A750		E	1
8DB908	Engine uppercarr. Digital input emerg. start Line interruption no reaction Check wiring between control unit and components	A750.X2:24		E	1
8DB921	Engine uppercarr. Digital input emerg. start Voltage outside permissible range no reaction Check wiring between control unit and components	A750.X2:24		E	1
8DB964	Engine uppercarr. Digital input emerg. start Error supply voltage sensors no reaction Check wiring between control unit and components	A750.X2:24		E	1
8DBE08	Engine uppercarr. Data transfer CAN 4 Line interruption no reaction Check wiring, wiring harness	A750		E	1
8DBE18	Engine uppercarr. Data transfer CAN 4 Short circuit no reaction Check wiring between control unit and components	A750		E	1
8DC558	Engine uppercarr. Exhaust return regulation Error auto calibration no reaction Check mechanics	A750		E	1
8DC559	Engine uppercarr. Exhaust return regulation Error teach in procedure no reaction Check mechanics	A750		E	1
8DC55A	Engine uppercarr. Exhaust return regulation Learned value lost in operation no reaction Check mechanics	A750		E	1
8DC75C	Engine uppercarr. SCR urea Temperature Temperature measurement urea too high Inducement system activation (Mach-FL) Check AdBlue Heating system	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DC858	Engine uppercarr. Exhaust flap regulation Error auto calibration Inducement system activation (Mach-FL) Check mechanics	A750		E	1
8DC859	Engine uppercarr. Exhaust flap regulation Error teach in procedure Inducement system activation (Mach-FL) Check mechanics	A750		E	1
8DC85A	Engine uppercarr. Exhaust flap regulation Learned value lost in operation Inducement system activation (Mach-FL) Check mechanics	A750		E	1
8DC958	Engine uppercarr. Exhaust flap regulation 2 Error auto calibration Inducement system activation (Mach-FL) Check mechanics	A750		E	1
8DC959	Engine uppercarr. Exhaust flap regulation 2 Error teach in procedure Inducement system activation (Mach-FL) Check mechanics	A750		E	1
8DC95A	Engine uppercarr. Exhaust flap regulation 2 Learned value lost in operation Inducement system activation (Mach-FL) Check mechanics	A750		E	1
8DCA21	Engine uppercarr. battle switch Voltage outside permissible range no reaction Check wiring between control unit and components	A750		E	1
8DCA5E	Engine uppercarr. battle switch activated no reaction Report all error parameters to Service	A750		E	1
8DCA64	Engine uppercarr. battle switch Error supply voltage sensors no reaction Check wiring between control unit and components	A750		E	1
8DCC05	Engine uppercarr. Safety system PME CAN Communication error no reaction Check wiring, CAN-participant	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DCE33	Engine uppercarr. J1939 Prop0 Data transfer CAN problematic no reaction Check wiring, CAN-participant	A750		E	1
8DCF03	Engine uppercarr. Input display alternator short circuit to supply voltage no reaction Check wiring, wiring harness	A750		E	1
8DCF0B	Engine uppercarr. Input display alternator Short circuit after ground or line interruption no reaction Check wiring between control unit and components	A750		E	1
8DCF21	Engine uppercarr. Input display alternator Voltage outside permissible range no reaction Check wiring, wiring harness	A750		E	1
8DCF64	Engine uppercarr. Input display alternator Error supply voltage sensors no reaction Check wiring between control unit and components	A750		E	1
8DD061	Engine uppercarr. Particle filter DPF Regeneration failed no reaction Check operation status of engine	A750		E	1
8DD062	Engine uppercarr. Particle filter DPF Regeneration stopped (temp. too low) no reaction Check operation status of engine	A750		E	1
8DD063	Engine uppercarr. Particle filter DPF Regeneration stopped (temp. too low) no reaction Check operation status of engine	A750		E	1
8DD068	Engine uppercarr. Particle filter DPF Estimation of ash load not plausible (too high) no reaction Check operation status of engine	A750		E	1
8DD069	Engine uppercarr. Particle filter DPF Estimation of ash load not plausible (too low) no reaction Check operation status of engine	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DD077	Engine uppercarr. Particle filter DPF Particle load above warning threshold no reaction Report all error parameters to Service	A750		E	1
8DD078	Engine uppercarr. Particle filter DPF Particle load above critical threshold no reaction Report all error parameters to Service	A750		E	1
8DD079	Engine uppercarr. Particle filter DPF Ash load above warning threshold no reaction Report all error parameters to Service	A750		E	1
8DD07A	Engine uppercarr. Particle filter DPF Ash load above critical threshold no reaction Report all error parameters to Service	A750		E	1
8DD103	Engine uppercarr. Travel pedal sensor 1 (voltage) short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8DD10B	Engine uppercarr. Travel pedal sensor 1 (voltage) Short circuit after ground or line interruption no reaction Check wiring between control unit and components	A750		E	1
8DD203	Engine uppercarr. Travel pedal sensor 1 (current) short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8DD20B	Engine uppercarr. Travel pedal sensor 1 (current) Short circuit after ground or line interruption no reaction Check wiring between control unit and components	A750		E	1
8DD303	Engine uppercarr. Travel pedal sensor 2 (voltage) short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8DD30B	Engine uppercarr. Travel pedal sensor 2 (voltage) Short circuit after ground or line interruption no reaction Check wiring between control unit and components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DD403	Engine uppercarr. Travel pedal sensor 2 (current) short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8DD40B	Engine uppercarr. Travel pedal sensor 2 (current) Short circuit after ground or line interruption no reaction Check wiring between control unit and components	A750		E	1
8DD921	Engine uppercarr. Switch idle rpm specification Voltage outside permissible range no reaction Check wiring between control unit and components	A750		E	1
8DDB33	Engine uppercarr. J1939 Prop3 Data transfer CAN problematic no reaction Check wiring, CAN-participant	A750		E	1
8DDC66	Engine uppercarr. Engine run turbulent Injection qty. correction of a cyl. too high no reaction Report all error parameters to Service	A750		E	1
8DDC67	Engine uppercarr. Engine run turbulent Deviation segment rpm of a cyl. too high no reaction Report all error parameters to Service	A750		E	1
8DDD6A	Engine uppercarr. Engine protection power reduction Air intake manifold temperature no reaction Check operation status of engine	A750		E	1
8DDD72	Engine uppercarr. Engine protection power reduction Charge air pr. too high no reaction Report all error parameters to Service	A750		E	1
8DDD73	Engine uppercarr. Engine protection power reduction Charge air pr. too low no reaction Report all error parameters to Service	A750		E	1
8DDF16	Engine uppercarr. Rpm sensor signal camshaft (voltage) Plausibility error no reaction Check operation status of engine	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DE016	Engine uppercarr. Rpm sensor signal crankshaft (voltage) Plausibility error no reaction Check operation status of engine	A750		E	1
8DE15B	Engine uppercarr. Digital input Starter signal 2 Start block due to a short circuit no reaction Report all error parameters to Service	A750		E	1
8DE235	Engine uppercarr. Power reduction to protect AGN-Systems Excess temperature error no reaction Report all error parameters to Service	A750		E	1
8DEA08	Engine uppercarr. Lichtmaschine (Spannungsregelung) Line interruption no reaction Check wiring between control unit and components	A750		E	1
8DEA6C	Engine uppercarr. Lichtmaschine (Spannungsregelung) Reg. deviation current value no reaction Report all error parameters to Service	A750		E	1
8DEA6D	Engine uppercarr. Lichtmaschine (Spannungsregelung) Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750		E	1
8DEA6E	Engine uppercarr. Lichtmaschine (Spannungsregelung) Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750		E	1
8DEA6F	Engine uppercarr. Lichtmaschine (Spannungsregelung) Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750		E	1
8DEA70	Engine uppercarr. Lichtmaschine (Spannungsregelung) Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750		E	1
8DEB08	Engine uppercarr. Lichtmaschine (Abschaltungsfunktion) Line interruption no reaction Check wiring between control unit and components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DEB6C	Engine uppercarr. Lichtmaschine (Abschaltungsfunktion) Reg. deviation current value no reaction Report all error parameters to Service	A750		E	1
8DEB6D	Engine uppercarr. Lichtmaschine (Abschaltungsfunktion) Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750		E	1
8DEB6E	Engine uppercarr. Lichtmaschine (Abschaltungsfunktion) Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750		E	1
8DEB6F	Engine uppercarr. Lichtmaschine (Abschaltungsfunktion) Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750		E	1
8DEB70	Engine uppercarr. Lichtmaschine (Abschaltungsfunktion) Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750		E	1
8DF97D	Engine uppercarr. Injection system Comp. factors qty. match outside tol. range no reaction Report all error parameters to Service	A750		E	1
990025	CAN-Valve: Y250 Error due to emerg. off by operator Output of error Check master device	Y250:X1:2/3		E	1
990026	CAN-Valve: Y250 Power reduction due to excessive temperature Output of error Check oil temperature	Y250:X1:2/3		E	1
990027	CAN-Valve: Y250 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y250:X1:2/3		E	1
990028	CAN-Valve: Y250 External Sensor Signal 1 Error Output of error Check external sensor	Y250:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990029	CAN-Valve: Y250 External Sensor Signal 2 Error Output of error Check external sensor	Y250:X1:2/3		E	1
990031	CAN-Valve: Y250 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y250:X1:2/3		E	1
990032	CAN-Valve: Y250 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y250:X1:2/3		E	1
990033	CAN-Valve: Y250 Slide deflected too short Output of error Check valve, check oil supply	Y250:X1:2/3		E	1
990034	CAN-Valve: Y250 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y250:X1:2/3		E	1
990035	CAN-Valve: Y250 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y250:X1:2/3		E	1
990036	CAN-Valve: Y250 Manual actuation Output of error Check manual activation on valve	Y250:X1:2/3		B	1
990039	CAN-Valve: Y250 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y250:X1:2/3		E	1
990041	CAN-Valve: Y250 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y250:X1:2/3		E	1
990042	CAN-Valve: Y250 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y250:X1:2/3		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990043	CAN-Valve: Y250 Position error Issue of error, valve in neutral position Replace valve	Y250:X1:2/3		E	1
990044	CAN-Valve: Y250 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y250:X1:2/3		E	1
990045	CAN-Valve: Y250 Monitor inactive Issue of error, valve in neutral position Contact Service	Y250:X1:2/3		E	1
990046	CAN-Valve: Y250 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y250:X1:2/3		E	1
990047	CAN-Valve: Y250 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y250:X1:2/3		E	1
990048	CAN-Valve: Y250 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y250:X1:2/3		E	1
990049	CAN-Valve: Y250 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y250:X1:2/3		E	1
990051	CAN-Valve: Y250 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y250:X1:2/3		E	1
990052	CAN-Valve: Y250 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y250:X1:2/3		E	1
990053	CAN-Valve: Y250 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y250:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990054	CAN-Valve: Y250 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y250:X1:2/3		E	1
990055	CAN-Valve: Y250 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y250:X1:2/3		E	1
990056	CAN-Valve: Y250 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y250:X1:2/3		E	1
990057	CAN-Valve: Y250 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y250:X1:2/3		E	1
990058	CAN-Valve: Y250 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y250:X1:2/3		E	1
990059	CAN-Valve: Y250 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y250:X1:2/3		E	1
990061	CAN-Valve: Y250 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y250:X1:2/3		E	1
990081	CAN-Valve: Y250 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y250:X1:2/3		E	1
990082	CAN-Valve: Y250 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y250:X1:2/3		E	1
990083	CAN-Valve: Y250 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y250:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990084	CAN-Valve: Y250 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y250:X1:2/3		E	1
990091	CAN-Valve: Y250 General program error Issue of error, Stop oil supply Replace valve	Y250:X1:2/3		E	1
9900D0	CAN-Valve: Y250 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y250:X1:2/3		E	1
9900D1	CAN-Valve: Y250 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y250:X1:2/3		E	1
9900D2	CAN-Valve: Y250 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y250:X1:2/3		E	1
9900D7	CAN-Valve: Y250 CAN-communication with BTB4 erroneous	Y250:X1:2/3		E	1
990111	CAN-Valve: Y251 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y251:X1:2/3		E	1
990112	CAN-Valve: Y251 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y251:X1:2/3		E	1
990113	CAN-Valve: Y251 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y251:X1:2/3		E	1
990114	CAN-Valve: Y251 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y251:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990115	CAN-Valve: Y251 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y251:X1:2/3		E	1
990116	CAN-Valve: Y251 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y251:X1:2/3		E	1
990117	CAN-Valve: Y251 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y251:X1:2/3		E	1
990118	CAN-Valve: Y251 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y251:X1:2/3		E	1
990119	CAN-Valve: Y251 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y251:X1:2/3		E	1
990121	CAN-Valve: Y251 Supply voltage below 9V Output of error Check supply voltage	Y251:X1:2/3		E	1
990122	CAN-Valve: Y251 Supply voltage above 32V Output of error Check supply voltage	Y251:X1:2/3		E	1
990123	CAN-Valve: Y251 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y251:X1:2/3		E	1
990124	CAN-Valve: Y251 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y251:X1:2/3		E	1
990125	CAN-Valve: Y251 Error due to emerg. off by operator Output of error Check master device	Y251:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990126	CAN-Valve: Y251 Power reduction due to excessive temperature Output of error Check oil temperature	Y251:X1:2/3		E	1
990127	CAN-Valve: Y251 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y251:X1:2/3		E	1
990128	CAN-Valve: Y251 External Sensor Signal 1 Error Output of error Check external sensor	Y251:X1:2/3		E	1
990129	CAN-Valve: Y251 External Sensor Signal 2 Error Output of error Check external sensor	Y251:X1:2/3		E	1
990131	CAN-Valve: Y251 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y251:X1:2/3		E	1
990132	CAN-Valve: Y251 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y251:X1:2/3		E	1
990133	CAN-Valve: Y251 Slide deflected too short Output of error Check valve, check oil supply	Y251:X1:2/3		E	1
990134	CAN-Valve: Y251 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y251:X1:2/3		E	1
990135	CAN-Valve: Y251 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y251:X1:2/3		E	1
990136	CAN-Valve: Y251 Manual actuation Output of error Check manual activation on valve	Y251:X1:2/3		B	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990139	CAN-Valve: Y251 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y251:X1:2/3		E	1
990141	CAN-Valve: Y251 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y251:X1:2/3		E	1
990142	CAN-Valve: Y251 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y251:X1:2/3		E	1
990143	CAN-Valve: Y251 Position error Issue of error, valve in neutral position Replace valve	Y251:X1:2/3		E	1
990144	CAN-Valve: Y251 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y251:X1:2/3		E	1
990145	CAN-Valve: Y251 Monitor inactive Issue of error, valve in neutral position Contact Service	Y251:X1:2/3		E	1
990146	CAN-Valve: Y251 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y251:X1:2/3		E	1
990147	CAN-Valve: Y251 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y251:X1:2/3		E	1
990148	CAN-Valve: Y251 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y251:X1:2/3		E	1
990149	CAN-Valve: Y251 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y251:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990151	CAN-Valve: Y251 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y251:X1:2/3		E	1
990152	CAN-Valve: Y251 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y251:X1:2/3		E	1
990153	CAN-Valve: Y251 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y251:X1:2/3		E	1
990154	CAN-Valve: Y251 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y251:X1:2/3		E	1
990155	CAN-Valve: Y251 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y251:X1:2/3		E	1
990156	CAN-Valve: Y251 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y251:X1:2/3		E	1
990157	CAN-Valve: Y251 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y251:X1:2/3		E	1
990158	CAN-Valve: Y251 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y251:X1:2/3		E	1
990159	CAN-Valve: Y251 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y251:X1:2/3		E	1
990161	CAN-Valve: Y251 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y251:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990181	CAN-Valve: Y251 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y251:X1:2/3		E	1
990182	CAN-Valve: Y251 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y251:X1:2/3		E	1
990183	CAN-Valve: Y251 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y251:X1:2/3		E	1
990184	CAN-Valve: Y251 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y251:X1:2/3		E	1
990191	CAN-Valve: Y251 General program error Issue of error, Stop oil supply Replace valve	Y251:X1:2/3		E	1
9901D0	CAN-Valve: Y251 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y251:X1:2/3		E	1
9901D1	CAN-Valve: Y251 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y251:X1:2/3		E	1
9901D2	CAN-Valve: Y251 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y251:X1:2/3		E	1
9901D7	CAN-Valve: Y251 CAN-communication with BTB4 erroneous	Y251:X1:2/3		E	1
990211	CAN-Valve: Y252 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y252:X1:2/3		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990212	CAN-Valve: Y252 Connector status stopped Issue of error, valve doesn't react Turn off / on	Y252:X1:2/3		E	1
990213	CAN-Valve: Y252 CAN Data transfer defective Issue of error, valve doesn't react Check connections, turn off / on	Y252:X1:2/3		E	1
990214	CAN-Valve: Y252 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y252:X1:2/3		E	1
990215	CAN-Valve: Y252 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y252:X1:2/3		E	1
990216	CAN-Valve: Y252 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y252:X1:2/3		E	1
990217	CAN-Valve: Y252 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y252:X1:2/3		E	1
990218	CAN-Valve: Y252 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y252:X1:2/3		E	1
990219	CAN-Valve: Y252 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y252:X1:2/3		E	1
990221	CAN-Valve: Y252 Supply voltage below 9V Output of error Check supply voltage	Y252:X1:2/3		E	1
990222	CAN-Valve: Y252 Supply voltage above 32V Output of error Check supply voltage	Y252:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990223	CAN-Valve: Y252 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y252:X1:2/3		E	1
990224	CAN-Valve: Y252 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y252:X1:2/3		E	1
990225	CAN-Valve: Y252 Error due to emerg. off by operator Output of error Check master device	Y252:X1:2/3		E	1
990226	CAN-Valve: Y252 Power reduction due to excessive temperature Output of error Check oil temperature	Y252:X1:2/3		E	1
990227	CAN-Valve: Y252 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y252:X1:2/3		E	1
990228	CAN-Valve: Y252 External Sensor Signal 1 Error Output of error Check external sensor	Y252:X1:2/3		E	1
990229	CAN-Valve: Y252 External Sensor Signal 2 Error Output of error Check external sensor	Y252:X1:2/3		E	1
990231	CAN-Valve: Y252 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y252:X1:2/3		E	1
990232	CAN-Valve: Y252 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y252:X1:2/3		E	1
990233	CAN-Valve: Y252 Slide deflected too short Output of error Check valve, check oil supply	Y252:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990234	CAN-Valve: Y252 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y252:X1:2/3		E	1
990235	CAN-Valve: Y252 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y252:X1:2/3		E	1
990236	CAN-Valve: Y252 Manual actuation Output of error Check manual activation on valve	Y252:X1:2/3		B	1
990239	CAN-Valve: Y252 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y252:X1:2/3		E	1
990241	CAN-Valve: Y252 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y252:X1:2/3		E	1
990242	CAN-Valve: Y252 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y252:X1:2/3		E	1
990243	CAN-Valve: Y252 Position error Issue of error, valve in neutral position Replace valve	Y252:X1:2/3		E	1
990244	CAN-Valve: Y252 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y252:X1:2/3		E	1
990245	CAN-Valve: Y252 Monitor inactive Issue of error, valve in neutral position Contact Service	Y252:X1:2/3		E	1
990246	CAN-Valve: Y252 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y252:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990247	CAN-Valve: Y252 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y252:X1:2/3		E	1
990248	CAN-Valve: Y252 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y252:X1:2/3		E	1
990249	CAN-Valve: Y252 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y252:X1:2/3		E	1
990251	CAN-Valve: Y252 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y252:X1:2/3		E	1
990252	CAN-Valve: Y252 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y252:X1:2/3		E	1
990253	CAN-Valve: Y252 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y252:X1:2/3		E	1
990254	CAN-Valve: Y252 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y252:X1:2/3		E	1
990255	CAN-Valve: Y252 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y252:X1:2/3		E	1
990256	CAN-Valve: Y252 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y252:X1:2/3		E	1
990257	CAN-Valve: Y252 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y252:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990258	CAN-Valve: Y252 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y252:X1:2/3		E	1
990259	CAN-Valve: Y252 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y252:X1:2/3		E	1
990261	CAN-Valve: Y252 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y252:X1:2/3		E	1
990281	CAN-Valve: Y252 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y252:X1:2/3		E	1
990282	CAN-Valve: Y252 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y252:X1:2/3		E	1
990283	CAN-Valve: Y252 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y252:X1:2/3		E	1
990284	CAN-Valve: Y252 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y252:X1:2/3		E	1
990291	CAN-Valve: Y252 General program error Issue of error, Stop oil supply Replace valve	Y252:X1:2/3		E	1
9902D0	CAN-Valve: Y252 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y252:X1:2/3		E	1
9902D1	CAN-Valve: Y252 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y252:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
9902D2	CAN-Valve: Y252 CAN-communication with BTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y252:X1:2/3		E	1
9902D7	CAN-Valve: Y252 CAN-communication with BTB4 erroneous	Y252:X1:2/3		E	1
990311	CAN-Valve: Y253 Connection status Initialization of valve Issue of error, valve doesn't react Turn off / on	Y253:X1:2/3		E	1
990312	CAN-Valve: Y253 Connector status stopped Issue of error, valve doesn't react Turn off / on	Y253:X1:2/3		E	1
990313	CAN-Valve: Y253 CAN Data transfer defective Issue of error, valve doesn't react Check connections, turn off / on	Y253:X1:2/3		E	1
990314	CAN-Valve: Y253 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y253:X1:2/3		E	1
990315	CAN-Valve: Y253 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y253:X1:2/3		E	1
990316	CAN-Valve: Y253 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y253:X1:2/3		E	1
990317	CAN-Valve: Y253 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y253:X1:2/3		E	1
990318	CAN-Valve: Y253 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y253:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990319	CAN-Valve: Y253 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y253:X1:2/3		E	1
990321	CAN-Valve: Y253 Supply voltage below 9V Output of error Check supply voltage	Y253:X1:2/3		E	1
990322	CAN-Valve: Y253 Supply voltage above 32V Output of error Check supply voltage	Y253:X1:2/3		E	1
990323	CAN-Valve: Y253 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y253:X1:2/3		E	1
990324	CAN-Valve: Y253 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y253:X1:2/3		E	1
990325	CAN-Valve: Y253 Error due to emerg. off by operator Output of error Check master device	Y253:X1:2/3		E	1
990326	CAN-Valve: Y253 Power reduction due to excessive temperature Output of error Check oil temperature	Y253:X1:2/3		E	1
990327	CAN-Valve: Y253 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y253:X1:2/3		E	1
990328	CAN-Valve: Y253 External Sensor Signal 1 Error Output of error Check external sensor	Y253:X1:2/3		E	1
990329	CAN-Valve: Y253 External Sensor Signal 2 Error Output of error Check external sensor	Y253:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990331	CAN-Valve: Y253 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y253:X1:2/3		E	1
990332	CAN-Valve: Y253 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y253:X1:2/3		E	1
990333	CAN-Valve: Y253 Slide deflected too short Output of error Check valve, check oil supply	Y253:X1:2/3		E	1
990334	CAN-Valve: Y253 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y253:X1:2/3		E	1
990335	CAN-Valve: Y253 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y253:X1:2/3		E	1
990336	CAN-Valve: Y253 Manual actuation Output of error Check manual activation on valve	Y253:X1:2/3		B	1
990339	CAN-Valve: Y253 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y253:X1:2/3		E	1
990341	CAN-Valve: Y253 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y253:X1:2/3		E	1
990342	CAN-Valve: Y253 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y253:X1:2/3		E	1
990343	CAN-Valve: Y253 Position error Issue of error, valve in neutral position Replace valve	Y253:X1:2/3		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990344	CAN-Valve: Y253 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y253:X1:2/3		E	1
990345	CAN-Valve: Y253 Monitor inactive Issue of error, valve in neutral position Contact Service	Y253:X1:2/3		E	1
990346	CAN-Valve: Y253 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y253:X1:2/3		E	1
990347	CAN-Valve: Y253 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y253:X1:2/3		E	1
990348	CAN-Valve: Y253 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y253:X1:2/3		E	1
990349	CAN-Valve: Y253 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y253:X1:2/3		E	1
990351	CAN-Valve: Y253 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y253:X1:2/3		E	1
990352	CAN-Valve: Y253 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y253:X1:2/3		E	1
990353	CAN-Valve: Y253 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y253:X1:2/3		E	1
990354	CAN-Valve: Y253 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y253:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990355	CAN-Valve: Y253 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y253:X1:2/3		E	1
990356	CAN-Valve: Y253 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y253:X1:2/3		E	1
990357	CAN-Valve: Y253 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y253:X1:2/3		E	1
990358	CAN-Valve: Y253 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y253:X1:2/3		E	1
990359	CAN-Valve: Y253 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y253:X1:2/3		E	1
990361	CAN-Valve: Y253 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y253:X1:2/3		E	1
990381	CAN-Valve: Y253 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y253:X1:2/3		E	1
990382	CAN-Valve: Y253 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y253:X1:2/3		E	1
990383	CAN-Valve: Y253 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y253:X1:2/3		E	1
990384	CAN-Valve: Y253 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y253:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990391	CAN-Valve: Y253 General program error Issue of error, Stop oil supply Replace valve	Y253:X1:2/3		E	1
9903D0	CAN-Valve: Y253 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y253:X1:2/3		E	1
9903D1	CAN-Valve: Y253 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y253:X1:2/3		E	1
9903D2	CAN-Valve: Y253 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y253:X1:2/3		E	1
9903D7	CAN-Valve: Y253 CAN-communication with BTB4 erroneous	Y253:X1:2/3		E	1
990A11	CAN-Valve: Y230 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y230:X1:2/3		E	1
990A12	CAN-Valve: Y230 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y230:X1:2/3		E	1
990A13	CAN-Valve: Y230 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y230:X1:2/3		E	1
990A14	CAN-Valve: Y230 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y230:X1:2/3		E	1
990A15	CAN-Valve: Y230 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y230:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990A16	CAN-Valve: Y230 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y230:X1:2/3		E	1
990A17	CAN-Valve: Y230 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y230:X1:2/3		E	1
990A18	CAN-Valve: Y230 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y230:X1:2/3		E	1
990A19	CAN-Valve: Y230 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y230:X1:2/3		E	1
990A21	CAN-Valve: Y230 Supply voltage below 9V Output of error Check supply voltage	Y230:X1:2/3		E	1
990A22	CAN-Valve: Y230 Supply voltage above 32V Output of error Check supply voltage	Y230:X1:2/3		E	1
990A23	CAN-Valve: Y230 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y230:X1:2/3		E	1
990A24	CAN-Valve: Y230 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y230:X1:2/3		E	1
990A25	CAN-Valve: Y230 Error due to emerg. off by operator Output of error Check master device	Y230:X1:2/3		E	1
990A26	CAN-Valve: Y230 Power reduction due to excessive temperature Output of error Check oil temperature	Y230:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990A27	CAN-Valve: Y230 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y230:X1:2/3		E	1
990A28	CAN-Valve: Y230 External Sensor Signal 1 Error Output of error Check external sensor	Y230:X1:2/3		E	1
990A29	CAN-Valve: Y230 External Sensor Signal 2 Error Output of error Check external sensor	Y230:X1:2/3		E	1
990A31	CAN-Valve: Y230 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y230:X1:2/3		E	1
990A32	CAN-Valve: Y230 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y230:X1:2/3		E	1
990A33	CAN-Valve: Y230 Slide deflected too short Output of error Check valve, check oil supply	Y230:X1:2/3		E	1
990A34	CAN-Valve: Y230 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y230:X1:2/3		E	1
990A35	CAN-Valve: Y230 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y230:X1:2/3		E	1
990A36	CAN-Valve: Y230 Manual actuation Output of error Check manual activation on valve	Y230:X1:2/3		B	1
990A39	CAN-Valve: Y230 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y230:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990A41	CAN-Valve: Y230 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y230:X1:2/3		E	1
990A42	CAN-Valve: Y230 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y230:X1:2/3		E	1
990A43	CAN-Valve: Y230 Position error Issue of error, valve in neutral position Replace valve	Y230:X1:2/3		E	1
990A44	CAN-Valve: Y230 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y230:X1:2/3		E	1
990A45	CAN-Valve: Y230 Monitor inactive Issue of error, valve in neutral position Contact Service	Y230:X1:2/3		E	1
990A46	CAN-Valve: Y230 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y230:X1:2/3		E	1
990A47	CAN-Valve: Y230 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y230:X1:2/3		E	1
990A48	CAN-Valve: Y230 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y230:X1:2/3		E	1
990A49	CAN-Valve: Y230 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y230:X1:2/3		E	1
990A51	CAN-Valve: Y230 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y230:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990A52	CAN-Valve: Y230 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y230:X1:2/3		E	1
990A53	CAN-Valve: Y230 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y230:X1:2/3		E	1
990A54	CAN-Valve: Y230 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y230:X1:2/3		E	1
990A55	CAN-Valve: Y230 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y230:X1:2/3		E	1
990A56	CAN-Valve: Y230 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y230:X1:2/3		E	1
990A57	CAN-Valve: Y230 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y230:X1:2/3		E	1
990A58	CAN-Valve: Y230 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y230:X1:2/3		E	1
990A59	CAN-Valve: Y230 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y230:X1:2/3		E	1
990A61	CAN-Valve: Y230 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y230:X1:2/3		E	1
990A81	CAN-Valve: Y230 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y230:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990A82	CAN-Valve: Y230 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y230:X1:2/3		E	1
990A83	CAN-Valve: Y230 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y230:X1:2/3		E	1
990A84	CAN-Valve: Y230 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y230:X1:2/3		E	1
990A91	CAN-Valve: Y230 General program error Issue of error, Stop oil supply Replace valve	Y230:X1:2/3		E	1
990AD0	CAN-Valve: Y230 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y230:X1:2/3		E	1
990AD1	CAN-Valve: Y230 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y230:X1:2/3		E	1
990AD2	CAN-Valve: Y230 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y230:X1:2/3		E	1
990AD7	CAN-Valve: Y230 CAN-communication with BTB4 erroneous	Y230:X1:2/3		E	1
990B11	CAN-Valve: Y231 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y231:X1:2/3		E	1
990B12	CAN-Valve: Y231 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y231:X1:2/3		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990B13	CAN-Valve: Y231 CAN Data transfer defective Issue of error, valve doesn't react Check connections, turn off / on	Y231:X1:2/3		E	1
990B14	CAN-Valve: Y231 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y231:X1:2/3		E	1
990B15	CAN-Valve: Y231 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y231:X1:2/3		E	1
990B16	CAN-Valve: Y231 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y231:X1:2/3		E	1
990B17	CAN-Valve: Y231 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y231:X1:2/3		E	1
990B18	CAN-Valve: Y231 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y231:X1:2/3		E	1
990B19	CAN-Valve: Y231 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y231:X1:2/3		E	1
990B21	CAN-Valve: Y231 Supply voltage below 9V Output of error Check supply voltage	Y231:X1:2/3		E	1
990B22	CAN-Valve: Y231 Supply voltage above 32V Output of error Check supply voltage	Y231:X1:2/3		E	1
990B23	CAN-Valve: Y231 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y231:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990B24	CAN-Valve: Y231 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y231:X1:2/3		E	1
990B25	CAN-Valve: Y231 Error due to emerg. off by operator Output of error Check master device	Y231:X1:2/3		E	1
990B26	CAN-Valve: Y231 Power reduction due to excessive temperature Output of error Check oil temperature	Y231:X1:2/3		E	1
990B27	CAN-Valve: Y231 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y231:X1:2/3		E	1
990B28	CAN-Valve: Y231 External Sensor Signal 1 Error Output of error Check external sensor	Y231:X1:2/3		E	1
990B29	CAN-Valve: Y231 External Sensor Signal 2 Error Output of error Check external sensor	Y231:X1:2/3		E	1
990B31	CAN-Valve: Y231 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y231:X1:2/3		E	1
990B32	CAN-Valve: Y231 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y231:X1:2/3		E	1
990B33	CAN-Valve: Y231 Slide deflected too short Output of error Check valve, check oil supply	Y231:X1:2/3		E	1
990B34	CAN-Valve: Y231 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y231:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990B35	CAN-Valve: Y231 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y231:X1:2/3		E	1
990B36	CAN-Valve: Y231 Manual actuation Output of error Check manual activation on valve	Y231:X1:2/3		B	1
990B39	CAN-Valve: Y231 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y231:X1:2/3		E	1
990B41	CAN-Valve: Y231 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y231:X1:2/3		E	1
990B42	CAN-Valve: Y231 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y231:X1:2/3		E	1
990B43	CAN-Valve: Y231 Position error Issue of error, valve in neutral position Replace valve	Y231:X1:2/3		E	1
990B44	CAN-Valve: Y231 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y231:X1:2/3		E	1
990B45	CAN-Valve: Y231 Monitor inactive Issue of error, valve in neutral position Contact Service	Y231:X1:2/3		E	1
990B46	CAN-Valve: Y231 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y231:X1:2/3		E	1
990B47	CAN-Valve: Y231 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y231:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990B48	CAN-Valve: Y231 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y231:X1:2/3		E	1
990B49	CAN-Valve: Y231 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y231:X1:2/3		E	1
990B51	CAN-Valve: Y231 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y231:X1:2/3		E	1
990B52	CAN-Valve: Y231 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y231:X1:2/3		E	1
990B53	CAN-Valve: Y231 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y231:X1:2/3		E	1
990B54	CAN-Valve: Y231 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y231:X1:2/3		E	1
990B55	CAN-Valve: Y231 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y231:X1:2/3		E	1
990B56	CAN-Valve: Y231 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y231:X1:2/3		E	1
990B57	CAN-Valve: Y231 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y231:X1:2/3		E	1
990B58	CAN-Valve: Y231 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y231:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990B59	CAN-Valve: Y231 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y231:X1:2/3		E	1
990B61	CAN-Valve: Y231 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y231:X1:2/3		E	1
990B81	CAN-Valve: Y231 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y231:X1:2/3		E	1
990B82	CAN-Valve: Y231 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y231:X1:2/3		E	1
990B83	CAN-Valve: Y231 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y231:X1:2/3		E	1
990B84	CAN-Valve: Y231 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y231:X1:2/3		E	1
990B91	CAN-Valve: Y231 General program error Issue of error, Stop oil supply Replace valve	Y231:X1:2/3		E	1
990BD0	CAN-Valve: Y231 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y231:X1:2/3		E	1
990BD1	CAN-Valve: Y231 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y231:X1:2/3		E	1
990BD2	CAN-Valve: Y231 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y231:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990BD7	CAN-Valve: Y231 CAN-communication with BTB4 erroneous	Y231:X1:2/3		E	1
992111	CAN-Valve: Y271 Connection status Initialization of valve Issue of error, valve doesn't react Turn off / on	Y271:X1:2/3		E	1
992112	CAN-Valve: Y271 Connector status stopped Issue of error, valve doesn't react Turn off / on	Y271:X1:2/3		E	1
992113	CAN-Valve: Y271 CAN Data transfer defective Issue of error, valve doesn't react Check connections, turn off / on	Y271:X1:2/3		E	1
992114	CAN-Valve: Y271 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y271:X1:2/3		E	1
992115	CAN-Valve: Y271 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y271:X1:2/3		E	1
992116	CAN-Valve: Y271 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y271:X1:2/3		E	1
992117	CAN-Valve: Y271 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y271:X1:2/3		E	1
992118	CAN-Valve: Y271 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y271:X1:2/3		E	1
992119	CAN-Valve: Y271 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y271:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992121	CAN-Valve: Y271 Supply voltage below 9V Output of error Check supply voltage	Y271:X1:2/3		E	1
992122	CAN-Valve: Y271 Supply voltage above 32V Output of error Check supply voltage	Y271:X1:2/3		E	1
992123	CAN-Valve: Y271 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y271:X1:2/3		E	1
992124	CAN-Valve: Y271 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y271:X1:2/3		E	1
992125	CAN-Valve: Y271 Error due to emerg. off by operator Output of error Check master device	Y271:X1:2/3		E	1
992126	CAN-Valve: Y271 Power reduction due to excessive temperature Output of error Check oil temperature	Y271:X1:2/3		E	1
992127	CAN-Valve: Y271 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y271:X1:2/3		E	1
992128	CAN-Valve: Y271 External Sensor Signal 1 Error Output of error Check external sensor	Y271:X1:2/3		E	1
992129	CAN-Valve: Y271 External Sensor Signal 2 Error Output of error Check external sensor	Y271:X1:2/3		E	1
992131	CAN-Valve: Y271 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y271:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992132	CAN-Valve: Y271 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y271:X1:2/3		E	1
992133	CAN-Valve: Y271 Slide deflected too short Output of error Check valve, check oil supply	Y271:X1:2/3		E	1
992134	CAN-Valve: Y271 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y271:X1:2/3		E	1
992135	CAN-Valve: Y271 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y271:X1:2/3		E	1
992136	CAN-Valve: Y271 Manual actuation Output of error Check manual activation on valve	Y271:X1:2/3		B	1
992139	CAN-Valve: Y271 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y271:X1:2/3		E	1
992141	CAN-Valve: Y271 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y271:X1:2/3		E	1
992142	CAN-Valve: Y271 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y271:X1:2/3		E	1
992143	CAN-Valve: Y271 Position error Issue of error, valve in neutral position Replace valve	Y271:X1:2/3		E	1
992144	CAN-Valve: Y271 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y271:X1:2/3		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992145	CAN-Valve: Y271 Monitor inactive Issue of error, valve in neutral position Contact Service	Y271:X1:2/3		E	1
992146	CAN-Valve: Y271 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y271:X1:2/3		E	1
992147	CAN-Valve: Y271 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y271:X1:2/3		E	1
992148	CAN-Valve: Y271 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y271:X1:2/3		E	1
992149	CAN-Valve: Y271 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y271:X1:2/3		E	1
992151	CAN-Valve: Y271 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y271:X1:2/3		E	1
992152	CAN-Valve: Y271 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y271:X1:2/3		E	1
992153	CAN-Valve: Y271 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y271:X1:2/3		E	1
992154	CAN-Valve: Y271 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y271:X1:2/3		E	1
992155	CAN-Valve: Y271 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y271:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992156	CAN-Valve: Y271 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y271:X1:2/3		E	1
992157	CAN-Valve: Y271 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y271:X1:2/3		E	1
992158	CAN-Valve: Y271 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y271:X1:2/3		E	1
992159	CAN-Valve: Y271 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y271:X1:2/3		E	1
992161	CAN-Valve: Y271 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y271:X1:2/3		E	1
992181	CAN-Valve: Y271 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y271:X1:2/3		E	1
992182	CAN-Valve: Y271 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y271:X1:2/3		E	1
992183	CAN-Valve: Y271 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y271:X1:2/3		E	1
992184	CAN-Valve: Y271 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y271:X1:2/3		E	1
992191	CAN-Valve: Y271 General program error Issue of error, Stop oil supply Replace valve	Y271:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
9921D0	CAN-Valve: Y271 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y271:X1:2/3		E	1
9921D1	CAN-Valve: Y271 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y271:X1:2/3		E	1
9921D2	CAN-Valve: Y271 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y271:X1:2/3		E	1
9921D7	CAN-Valve: Y271 CAN-communication with BTB4 erroneous	Y271:X1:2/3		E	1
992211	CAN-Valve: Y272 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y272:X1:2/3		E	1
992212	CAN-Valve: Y272 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y272:X1:2/3		E	1
992213	CAN-Valve: Y272 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y272:X1:2/3		E	1
992214	CAN-Valve: Y272 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y272:X1:2/3		E	1
992215	CAN-Valve: Y272 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y272:X1:2/3		E	1
992216	CAN-Valve: Y272 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y272:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992217	CAN-Valve: Y272 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y272:X1:2/3		E	1
992218	CAN-Valve: Y272 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y272:X1:2/3		E	1
992219	CAN-Valve: Y272 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y272:X1:2/3		E	1
992221	CAN-Valve: Y272 Supply voltage below 9V Output of error Check supply voltage	Y272:X1:2/3		E	1
992222	CAN-Valve: Y272 Supply voltage above 32V Output of error Check supply voltage	Y272:X1:2/3		E	1
992223	CAN-Valve: Y272 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y272:X1:2/3		E	1
992224	CAN-Valve: Y272 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y272:X1:2/3		E	1
992225	CAN-Valve: Y272 Error due to emerg. off by operator Output of error Check master device	Y272:X1:2/3		E	1
992226	CAN-Valve: Y272 Power reduction due to excessive temperature Output of error Check oil temperature	Y272:X1:2/3		E	1
992227	CAN-Valve: Y272 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y272:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992228	CAN-Valve: Y272 External Sensor Signal 1 Error Output of error Check external sensor	Y272:X1:2/3		E	1
992229	CAN-Valve: Y272 External Sensor Signal 2 Error Output of error Check external sensor	Y272:X1:2/3		E	1
992231	CAN-Valve: Y272 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y272:X1:2/3		E	1
992232	CAN-Valve: Y272 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y272:X1:2/3		E	1
992233	CAN-Valve: Y272 Slide deflected too short Output of error Check valve, check oil supply	Y272:X1:2/3		E	1
992234	CAN-Valve: Y272 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y272:X1:2/3		E	1
992235	CAN-Valve: Y272 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y272:X1:2/3		E	1
992236	CAN-Valve: Y272 Manual actuation Output of error Check manual activation on valve	Y272:X1:2/3		B	1
992239	CAN-Valve: Y272 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y272:X1:2/3		E	1
992241	CAN-Valve: Y272 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y272:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992242	CAN-Valve: Y272 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y272:X1:2/3		E	1
992243	CAN-Valve: Y272 Position error Issue of error, valve in neutral position Replace valve	Y272:X1:2/3		E	1
992244	CAN-Valve: Y272 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y272:X1:2/3		E	1
992245	CAN-Valve: Y272 Monitor inactive Issue of error, valve in neutral position Contact Service	Y272:X1:2/3		E	1
992246	CAN-Valve: Y272 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y272:X1:2/3		E	1
992247	CAN-Valve: Y272 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y272:X1:2/3		E	1
992248	CAN-Valve: Y272 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y272:X1:2/3		E	1
992249	CAN-Valve: Y272 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y272:X1:2/3		E	1
992251	CAN-Valve: Y272 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y272:X1:2/3		E	1
992252	CAN-Valve: Y272 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y272:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992253	CAN-Valve: Y272 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y272:X1:2/3		E	1
992254	CAN-Valve: Y272 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y272:X1:2/3		E	1
992255	CAN-Valve: Y272 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y272:X1:2/3		E	1
992256	CAN-Valve: Y272 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y272:X1:2/3		E	1
992257	CAN-Valve: Y272 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y272:X1:2/3		E	1
992258	CAN-Valve: Y272 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y272:X1:2/3		E	1
992259	CAN-Valve: Y272 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y272:X1:2/3		E	1
992261	CAN-Valve: Y272 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y272:X1:2/3		E	1
992281	CAN-Valve: Y272 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y272:X1:2/3		E	1
992282	CAN-Valve: Y272 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y272:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992283	CAN-Valve: Y272 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y272:X1:2/3		E	1
992284	CAN-Valve: Y272 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y272:X1:2/3		E	1
992291	CAN-Valve: Y272 General program error Issue of error, Stop oil supply Replace valve	Y272:X1:2/3		E	1
9922D0	CAN-Valve: Y272 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y272:X1:2/3		E	1
9922D1	CAN-Valve: Y272 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y272:X1:2/3		E	1
9922D2	CAN-Valve: Y272 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y272:X1:2/3		E	1
9922D7	CAN-Valve: Y272 CAN-communication with BTB4 erroneous	Y272:X1:2/3		E	1
992311	CAN-Valve: Y273 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y273:X1:2/3		E	1
992312	CAN-Valve: Y273 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y273:X1:2/3		E	1
992313	CAN-Valve: Y273 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y273:X1:2/3		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992314	CAN-Valve: Y273 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y273:X1:2/3		E	1
992315	CAN-Valve: Y273 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y273:X1:2/3		E	1
992316	CAN-Valve: Y273 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y273:X1:2/3		E	1
992317	CAN-Valve: Y273 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y273:X1:2/3		E	1
992318	CAN-Valve: Y273 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y273:X1:2/3		E	1
992319	CAN-Valve: Y273 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y273:X1:2/3		E	1
992321	CAN-Valve: Y273 Supply voltage below 9V Output of error Check supply voltage	Y273:X1:2/3		E	1
992322	CAN-Valve: Y273 Supply voltage above 32V Output of error Check supply voltage	Y273:X1:2/3		E	1
992323	CAN-Valve: Y273 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y273:X1:2/3		E	1
992324	CAN-Valve: Y273 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y273:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992325	CAN-Valve: Y273 Error due to emerg. off by operator Output of error Check master device	Y273:X1:2/3		E	1
992326	CAN-Valve: Y273 Power reduction due to excessive temperature Output of error Check oil temperature	Y273:X1:2/3		E	1
992327	CAN-Valve: Y273 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y273:X1:2/3		E	1
992328	CAN-Valve: Y273 External Sensor Signal 1 Error Output of error Check external sensor	Y273:X1:2/3		E	1
992329	CAN-Valve: Y273 External Sensor Signal 2 Error Output of error Check external sensor	Y273:X1:2/3		E	1
992331	CAN-Valve: Y273 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y273:X1:2/3		E	1
992332	CAN-Valve: Y273 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y273:X1:2/3		E	1
992333	CAN-Valve: Y273 Slide deflected too short Output of error Check valve, check oil supply	Y273:X1:2/3		E	1
992334	CAN-Valve: Y273 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y273:X1:2/3		E	1
992335	CAN-Valve: Y273 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y273:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992336	CAN-Valve: Y273 Manual actuation Output of error Check manual activation on valve	Y273:X1:2/3		B	1
992339	CAN-Valve: Y273 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y273:X1:2/3		E	1
992341	CAN-Valve: Y273 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y273:X1:2/3		E	1
992342	CAN-Valve: Y273 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y273:X1:2/3		E	1
992343	CAN-Valve: Y273 Position error Issue of error, valve in neutral position Replace valve	Y273:X1:2/3		E	1
992344	CAN-Valve: Y273 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y273:X1:2/3		E	1
992345	CAN-Valve: Y273 Monitor inactive Issue of error, valve in neutral position Contact Service	Y273:X1:2/3		E	1
992346	CAN-Valve: Y273 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y273:X1:2/3		E	1
992347	CAN-Valve: Y273 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y273:X1:2/3		E	1
992348	CAN-Valve: Y273 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y273:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992349	CAN-Valve: Y273 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y273:X1:2/3		E	1
992351	CAN-Valve: Y273 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y273:X1:2/3		E	1
992352	CAN-Valve: Y273 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y273:X1:2/3		E	1
992353	CAN-Valve: Y273 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y273:X1:2/3		E	1
992354	CAN-Valve: Y273 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y273:X1:2/3		E	1
992355	CAN-Valve: Y273 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y273:X1:2/3		E	1
992356	CAN-Valve: Y273 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y273:X1:2/3		E	1
992357	CAN-Valve: Y273 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y273:X1:2/3		E	1
992358	CAN-Valve: Y273 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y273:X1:2/3		E	1
992359	CAN-Valve: Y273 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y273:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992361	CAN-Valve: Y273 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y273:X1:2/3		E	1
992381	CAN-Valve: Y273 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y273:X1:2/3		E	1
992382	CAN-Valve: Y273 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y273:X1:2/3		E	1
992383	CAN-Valve: Y273 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y273:X1:2/3		E	1
992384	CAN-Valve: Y273 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y273:X1:2/3		E	1
992391	CAN-Valve: Y273 General program error Issue of error, Stop oil supply Replace valve	Y273:X1:2/3		E	1
9923D0	CAN-Valve: Y273 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y273:X1:2/3		E	1
9923D1	CAN-Valve: Y273 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y273:X1:2/3		E	1
9923D2	CAN-Valve: Y273 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y273:X1:2/3		E	1
9923D7	CAN-Valve: Y273 CAN-communication with BTB4 erroneous	Y273:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992411	CAN-Valve: Y274 Connection status Initialization of valve Issue of error, valve doesn't react Turn off / on	Y274:X1:2/3		E	1
992412	CAN-Valve: Y274 Connector status stopped Issue of error, valve doesn't react Turn off / on	Y274:X1:2/3		E	1
992413	CAN-Valve: Y274 CAN Data transfer defective Issue of error, valve doesn't react Check connections, turn off / on	Y274:X1:2/3		E	1
992414	CAN-Valve: Y274 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y274:X1:2/3		E	1
992415	CAN-Valve: Y274 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y274:X1:2/3		E	1
992416	CAN-Valve: Y274 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y274:X1:2/3		E	1
992417	CAN-Valve: Y274 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y274:X1:2/3		E	1
992418	CAN-Valve: Y274 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y274:X1:2/3		E	1
992419	CAN-Valve: Y274 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y274:X1:2/3		E	1
992421	CAN-Valve: Y274 Supply voltage below 9V Output of error Check supply voltage	Y274:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992422	CAN-Valve: Y274 Supply voltage above 32V Output of error Check supply voltage	Y274:X1:2/3		E	1
992423	CAN-Valve: Y274 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y274:X1:2/3		E	1
992424	CAN-Valve: Y274 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y274:X1:2/3		E	1
992425	CAN-Valve: Y274 Error due to emerg. off by operator Output of error Check master device	Y274:X1:2/3		E	1
992426	CAN-Valve: Y274 Power reduction due to excessive temperature Output of error Check oil temperature	Y274:X1:2/3		E	1
992427	CAN-Valve: Y274 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y274:X1:2/3		E	1
992428	CAN-Valve: Y274 External Sensor Signal 1 Error Output of error Check external sensor	Y274:X1:2/3		E	1
992429	CAN-Valve: Y274 External Sensor Signal 2 Error Output of error Check external sensor	Y274:X1:2/3		E	1
992431	CAN-Valve: Y274 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y274:X1:2/3		E	1
992432	CAN-Valve: Y274 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y274:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992433	CAN-Valve: Y274 Slide deflected too short Output of error Check valve, check oil supply	Y274:X1:2/3		E	1
992434	CAN-Valve: Y274 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y274:X1:2/3		E	1
992435	CAN-Valve: Y274 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y274:X1:2/3		E	1
992436	CAN-Valve: Y274 Manual actuation Output of error Check manual activation on valve	Y274:X1:2/3		B	1
992439	CAN-Valve: Y274 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y274:X1:2/3		E	1
992441	CAN-Valve: Y274 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y274:X1:2/3		E	1
992442	CAN-Valve: Y274 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y274:X1:2/3		E	1
992443	CAN-Valve: Y274 Position error Issue of error, valve in neutral position Replace valve	Y274:X1:2/3		E	1
992444	CAN-Valve: Y274 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y274:X1:2/3		E	1
992445	CAN-Valve: Y274 Monitor inactive Issue of error, valve in neutral position Contact Service	Y274:X1:2/3		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992446	CAN-Valve: Y274 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y274:X1:2/3		E	1
992447	CAN-Valve: Y274 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y274:X1:2/3		E	1
992448	CAN-Valve: Y274 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y274:X1:2/3		E	1
992449	CAN-Valve: Y274 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y274:X1:2/3		E	1
992451	CAN-Valve: Y274 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y274:X1:2/3		E	1
992452	CAN-Valve: Y274 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y274:X1:2/3		E	1
992453	CAN-Valve: Y274 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y274:X1:2/3		E	1
992454	CAN-Valve: Y274 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y274:X1:2/3		E	1
992455	CAN-Valve: Y274 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y274:X1:2/3		E	1
992456	CAN-Valve: Y274 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y274:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992457	CAN-Valve: Y274 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y274:X1:2/3		E	1
992458	CAN-Valve: Y274 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y274:X1:2/3		E	1
992459	CAN-Valve: Y274 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y274:X1:2/3		E	1
992461	CAN-Valve: Y274 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y274:X1:2/3		E	1
992481	CAN-Valve: Y274 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y274:X1:2/3		E	1
992482	CAN-Valve: Y274 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y274:X1:2/3		E	1
992483	CAN-Valve: Y274 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y274:X1:2/3		E	1
992484	CAN-Valve: Y274 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y274:X1:2/3		E	1
992491	CAN-Valve: Y274 General program error Issue of error, Stop oil supply Replace valve	Y274:X1:2/3		E	1
9924D0	CAN-Valve: Y274 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y274:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
9924D1	CAN-Valve: Y274 CAN-communication with BTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y274:X1:2/3		E	1
9924D2	CAN-Valve: Y274 CAN-communication with BTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y274:X1:2/3		E	1
9924D7	CAN-Valve: Y274 CAN-communication with BTB4 erroneous	Y274:X1:2/3		E	1
993111	CAN-Valve: Y261 Connection status Initialization of valve Issue of error, valve doesn't react Turn off / on	Y261:X1:2/3		E	1
993112	CAN-Valve: Y261 Connector status stopped Issue of error, valve doesn't react Turn off / on	Y261:X1:2/3		E	1
993113	CAN-Valve: Y261 CAN Data transfer defective Issue of error, valve doesn't react Check connections, turn off / on	Y261:X1:2/3		E	1
993114	CAN-Valve: Y261 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y261:X1:2/3		E	1
993115	CAN-Valve: Y261 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y261:X1:2/3		E	1
993116	CAN-Valve: Y261 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y261:X1:2/3		E	1
993117	CAN-Valve: Y261 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y261:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993118	CAN-Valve: Y261 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y261:X1:2/3		E	1
993119	CAN-Valve: Y261 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y261:X1:2/3		E	1
993121	CAN-Valve: Y261 Supply voltage below 9V Output of error Check supply voltage	Y261:X1:2/3		E	1
993122	CAN-Valve: Y261 Supply voltage above 32V Output of error Check supply voltage	Y261:X1:2/3		E	1
993123	CAN-Valve: Y261 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y261:X1:2/3		E	1
993124	CAN-Valve: Y261 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y261:X1:2/3		E	1
993125	CAN-Valve: Y261 Error due to emerg. off by operator Output of error Check master device	Y261:X1:2/3		E	1
993126	CAN-Valve: Y261 Power reduction due to excessive temperature Output of error Check oil temperature	Y261:X1:2/3		E	1
993127	CAN-Valve: Y261 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y261:X1:2/3		E	1
993128	CAN-Valve: Y261 External Sensor Signal 1 Error Output of error Check external sensor	Y261:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993129	CAN-Valve: Y261 External Sensor Signal 2 Error Output of error Check external sensor	Y261:X1:2/3		E	1
993131	CAN-Valve: Y261 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y261:X1:2/3		E	1
993132	CAN-Valve: Y261 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y261:X1:2/3		E	1
993133	CAN-Valve: Y261 Slide deflected too short Output of error Check valve, check oil supply	Y261:X1:2/3		E	1
993134	CAN-Valve: Y261 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y261:X1:2/3		E	1
993135	CAN-Valve: Y261 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y261:X1:2/3		E	1
993136	CAN-Valve: Y261 Manual actuation Output of error Check manual activation on valve	Y261:X1:2/3		B	1
993139	CAN-Valve: Y261 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y261:X1:2/3		E	1
993141	CAN-Valve: Y261 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y261:X1:2/3		E	1
993142	CAN-Valve: Y261 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y261:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993143	CAN-Valve: Y261 Position error Issue of error, valve in neutral position Replace valve	Y261:X1:2/3		E	1
993144	CAN-Valve: Y261 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y261:X1:2/3		E	1
993145	CAN-Valve: Y261 Monitor inactive Issue of error, valve in neutral position Contact Service	Y261:X1:2/3		E	1
993146	CAN-Valve: Y261 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y261:X1:2/3		E	1
993147	CAN-Valve: Y261 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y261:X1:2/3		E	1
993148	CAN-Valve: Y261 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y261:X1:2/3		E	1
993149	CAN-Valve: Y261 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y261:X1:2/3		E	1
993151	CAN-Valve: Y261 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y261:X1:2/3		E	1
993152	CAN-Valve: Y261 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y261:X1:2/3		E	1
993153	CAN-Valve: Y261 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y261:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993154	CAN-Valve: Y261 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y261:X1:2/3		E	1
993155	CAN-Valve: Y261 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y261:X1:2/3		E	1
993156	CAN-Valve: Y261 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y261:X1:2/3		E	1
993157	CAN-Valve: Y261 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y261:X1:2/3		E	1
993158	CAN-Valve: Y261 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y261:X1:2/3		E	1
993159	CAN-Valve: Y261 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y261:X1:2/3		E	1
993161	CAN-Valve: Y261 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y261:X1:2/3		E	1
993181	CAN-Valve: Y261 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y261:X1:2/3		E	1
993182	CAN-Valve: Y261 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y261:X1:2/3		E	1
993183	CAN-Valve: Y261 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y261:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993184	CAN-Valve: Y261 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y261:X1:2/3		E	1
993191	CAN-Valve: Y261 General program error Issue of error, Stop oil supply Replace valve	Y261:X1:2/3		E	1
9931D0	CAN-Valve: Y261 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y261:X1:2/3		E	1
9931D1	CAN-Valve: Y261 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y261:X1:2/3		E	1
9931D2	CAN-Valve: Y261 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y261:X1:2/3		E	1
9931D7	CAN-Valve: Y261 CAN-communication with BTB4 erroneous	Y261:X1:2/3		E	1
993211	CAN-Valve: Y262 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y262:X1:2/3		E	1
993212	CAN-Valve: Y262 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y262:X1:2/3		E	1
993213	CAN-Valve: Y262 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y262:X1:2/3		E	1
993214	CAN-Valve: Y262 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y262:X1:2/3		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993215	CAN-Valve: Y262 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y262:X1:2/3		E	1
993216	CAN-Valve: Y262 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y262:X1:2/3		E	1
993217	CAN-Valve: Y262 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y262:X1:2/3		E	1
993218	CAN-Valve: Y262 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y262:X1:2/3		E	1
993219	CAN-Valve: Y262 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y262:X1:2/3		E	1
993221	CAN-Valve: Y262 Supply voltage below 9V Output of error Check supply voltage	Y262:X1:2/3		E	1
993222	CAN-Valve: Y262 Supply voltage above 32V Output of error Check supply voltage	Y262:X1:2/3		E	1
993223	CAN-Valve: Y262 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y262:X1:2/3		E	1
993224	CAN-Valve: Y262 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y262:X1:2/3		E	1
993225	CAN-Valve: Y262 Error due to emerg. off by operator Output of error Check master device	Y262:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993226	CAN-Valve: Y262 Power reduction due to excessive temperature Output of error Check oil temperature	Y262:X1:2/3		E	1
993227	CAN-Valve: Y262 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y262:X1:2/3		E	1
993228	CAN-Valve: Y262 External Sensor Signal 1 Error Output of error Check external sensor	Y262:X1:2/3		E	1
993229	CAN-Valve: Y262 External Sensor Signal 2 Error Output of error Check external sensor	Y262:X1:2/3		E	1
993231	CAN-Valve: Y262 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y262:X1:2/3		E	1
993232	CAN-Valve: Y262 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y262:X1:2/3		E	1
993233	CAN-Valve: Y262 Slide deflected too short Output of error Check valve, check oil supply	Y262:X1:2/3		E	1
993234	CAN-Valve: Y262 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y262:X1:2/3		E	1
993235	CAN-Valve: Y262 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y262:X1:2/3		E	1
993236	CAN-Valve: Y262 Manual actuation Output of error Check manual activation on valve	Y262:X1:2/3		B	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993239	CAN-Valve: Y262 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y262:X1:2/3		E	1
993241	CAN-Valve: Y262 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y262:X1:2/3		E	1
993242	CAN-Valve: Y262 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y262:X1:2/3		E	1
993243	CAN-Valve: Y262 Position error Issue of error, valve in neutral position Replace valve	Y262:X1:2/3		E	1
993244	CAN-Valve: Y262 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y262:X1:2/3		E	1
993245	CAN-Valve: Y262 Monitor inactive Issue of error, valve in neutral position Contact Service	Y262:X1:2/3		E	1
993246	CAN-Valve: Y262 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y262:X1:2/3		E	1
993247	CAN-Valve: Y262 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y262:X1:2/3		E	1
993248	CAN-Valve: Y262 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y262:X1:2/3		E	1
993249	CAN-Valve: Y262 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y262:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993251	CAN-Valve: Y262 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y262:X1:2/3		E	1
993252	CAN-Valve: Y262 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y262:X1:2/3		E	1
993253	CAN-Valve: Y262 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y262:X1:2/3		E	1
993254	CAN-Valve: Y262 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y262:X1:2/3		E	1
993255	CAN-Valve: Y262 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y262:X1:2/3		E	1
993256	CAN-Valve: Y262 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y262:X1:2/3		E	1
993257	CAN-Valve: Y262 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y262:X1:2/3		E	1
993258	CAN-Valve: Y262 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y262:X1:2/3		E	1
993259	CAN-Valve: Y262 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y262:X1:2/3		E	1
993261	CAN-Valve: Y262 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y262:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993281	CAN-Valve: Y262 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y262:X1:2/3		E	1
993282	CAN-Valve: Y262 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y262:X1:2/3		E	1
993283	CAN-Valve: Y262 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y262:X1:2/3		E	1
993284	CAN-Valve: Y262 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y262:X1:2/3		E	1
993291	CAN-Valve: Y262 General program error Issue of error, Stop oil supply Replace valve	Y262:X1:2/3		E	1
9932D0	CAN-Valve: Y262 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y262:X1:2/3		E	1
9932D1	CAN-Valve: Y262 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y262:X1:2/3		E	1
9932D2	CAN-Valve: Y262 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y262:X1:2/3		E	1
9932D7	CAN-Valve: Y262 CAN-communication with BTB4 erroneous	Y262:X1:2/3		E	1
993311	CAN-Valve: Y263 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y263:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993312	CAN-Valve: Y263 Connector status stopped Issue of error, valve doesn't react Turn off / on	Y263:X1:2/3		E	1
993313	CAN-Valve: Y263 CAN Data transfer defective Issue of error, valve doesn't react Check connections, turn off / on	Y263:X1:2/3		E	1
993314	CAN-Valve: Y263 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y263:X1:2/3		E	1
993315	CAN-Valve: Y263 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y263:X1:2/3		E	1
993316	CAN-Valve: Y263 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y263:X1:2/3		E	1
993317	CAN-Valve: Y263 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y263:X1:2/3		E	1
993318	CAN-Valve: Y263 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y263:X1:2/3		E	1
993319	CAN-Valve: Y263 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y263:X1:2/3		E	1
993321	CAN-Valve: Y263 Supply voltage below 9V Output of error Check supply voltage	Y263:X1:2/3		E	1
993322	CAN-Valve: Y263 Supply voltage above 32V Output of error Check supply voltage	Y263:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993323	CAN-Valve: Y263 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y263:X1:2/3		E	1
993324	CAN-Valve: Y263 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y263:X1:2/3		E	1
993325	CAN-Valve: Y263 Error due to emerg. off by operator Output of error Check master device	Y263:X1:2/3		E	1
993326	CAN-Valve: Y263 Power reduction due to excessive temperature Output of error Check oil temperature	Y263:X1:2/3		E	1
993327	CAN-Valve: Y263 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y263:X1:2/3		E	1
993328	CAN-Valve: Y263 External Sensor Signal 1 Error Output of error Check external sensor	Y263:X1:2/3		E	1
993329	CAN-Valve: Y263 External Sensor Signal 2 Error Output of error Check external sensor	Y263:X1:2/3		E	1
993331	CAN-Valve: Y263 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y263:X1:2/3		E	1
993332	CAN-Valve: Y263 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y263:X1:2/3		E	1
993333	CAN-Valve: Y263 Slide deflected too short Output of error Check valve, check oil supply	Y263:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993334	CAN-Valve: Y263 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y263:X1:2/3		E	1
993335	CAN-Valve: Y263 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y263:X1:2/3		E	1
993336	CAN-Valve: Y263 Manual actuation Output of error Check manual activation on valve	Y263:X1:2/3		B	1
993339	CAN-Valve: Y263 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y263:X1:2/3		E	1
993341	CAN-Valve: Y263 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y263:X1:2/3		E	1
993342	CAN-Valve: Y263 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y263:X1:2/3		E	1
993343	CAN-Valve: Y263 Position error Issue of error, valve in neutral position Replace valve	Y263:X1:2/3		E	1
993344	CAN-Valve: Y263 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y263:X1:2/3		E	1
993345	CAN-Valve: Y263 Monitor inactive Issue of error, valve in neutral position Contact Service	Y263:X1:2/3		E	1
993346	CAN-Valve: Y263 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y263:X1:2/3		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993347	CAN-Valve: Y263 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y263:X1:2/3		E	1
993348	CAN-Valve: Y263 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y263:X1:2/3		E	1
993349	CAN-Valve: Y263 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y263:X1:2/3		E	1
993351	CAN-Valve: Y263 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y263:X1:2/3		E	1
993352	CAN-Valve: Y263 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y263:X1:2/3		E	1
993353	CAN-Valve: Y263 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y263:X1:2/3		E	1
993354	CAN-Valve: Y263 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y263:X1:2/3		E	1
993355	CAN-Valve: Y263 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y263:X1:2/3		E	1
993356	CAN-Valve: Y263 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y263:X1:2/3		E	1
993357	CAN-Valve: Y263 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y263:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993358	CAN-Valve: Y263 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y263:X1:2/3		E	1
993359	CAN-Valve: Y263 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y263:X1:2/3		E	1
993361	CAN-Valve: Y263 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y263:X1:2/3		E	1
993381	CAN-Valve: Y263 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y263:X1:2/3		E	1
993382	CAN-Valve: Y263 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y263:X1:2/3		E	1
993383	CAN-Valve: Y263 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y263:X1:2/3		E	1
993384	CAN-Valve: Y263 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y263:X1:2/3		E	1
993391	CAN-Valve: Y263 General program error Issue of error, Stop oil supply Replace valve	Y263:X1:2/3		E	1
9933D0	CAN-Valve: Y263 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y263:X1:2/3		E	1
9933D1	CAN-Valve: Y263 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y263:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
9933D2	CAN-Valve: Y263 CAN-communication with BTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y263:X1:2/3		E	1
9933D7	CAN-Valve: Y263 CAN-communication with BTB4 erroneous	Y263:X1:2/3		E	1
993411	CAN-Valve: Y264 Connection status Initialization of valve Issue of error, valve doesn't react Turn off / on	Y264:X1:2/3		E	1
993412	CAN-Valve: Y264 Connector status stopped Issue of error, valve doesn't react Turn off / on	Y264:X1:2/3		E	1
993413	CAN-Valve: Y264 CAN Data transfer defective Issue of error, valve doesn't react Check connections, turn off / on	Y264:X1:2/3		E	1
993414	CAN-Valve: Y264 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y264:X1:2/3		E	1
993415	CAN-Valve: Y264 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y264:X1:2/3		E	1
993416	CAN-Valve: Y264 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y264:X1:2/3		E	1
993417	CAN-Valve: Y264 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y264:X1:2/3		E	1
993418	CAN-Valve: Y264 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y264:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993419	CAN-Valve: Y264 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y264:X1:2/3		E	1
993421	CAN-Valve: Y264 Supply voltage below 9V Output of error Check supply voltage	Y264:X1:2/3		E	1
993422	CAN-Valve: Y264 Supply voltage above 32V Output of error Check supply voltage	Y264:X1:2/3		E	1
993423	CAN-Valve: Y264 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y264:X1:2/3		E	1
993424	CAN-Valve: Y264 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y264:X1:2/3		E	1
993425	CAN-Valve: Y264 Error due to emerg. off by operator Output of error Check master device	Y264:X1:2/3		E	1
993426	CAN-Valve: Y264 Power reduction due to excessive temperature Output of error Check oil temperature	Y264:X1:2/3		E	1
993427	CAN-Valve: Y264 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y264:X1:2/3		E	1
993428	CAN-Valve: Y264 External Sensor Signal 1 Error Output of error Check external sensor	Y264:X1:2/3		E	1
993429	CAN-Valve: Y264 External Sensor Signal 2 Error Output of error Check external sensor	Y264:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993431	CAN-Valve: Y264 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y264:X1:2/3		E	1
993432	CAN-Valve: Y264 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y264:X1:2/3		E	1
993433	CAN-Valve: Y264 Slide deflected too short Output of error Check valve, check oil supply	Y264:X1:2/3		E	1
993434	CAN-Valve: Y264 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y264:X1:2/3		E	1
993435	CAN-Valve: Y264 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y264:X1:2/3		E	1
993436	CAN-Valve: Y264 Manual actuation Output of error Check manual activation on valve	Y264:X1:2/3		B	1
993439	CAN-Valve: Y264 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y264:X1:2/3		E	1
993441	CAN-Valve: Y264 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y264:X1:2/3		E	1
993442	CAN-Valve: Y264 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y264:X1:2/3		E	1
993443	CAN-Valve: Y264 Position error Issue of error, valve in neutral position Replace valve	Y264:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993444	CAN-Valve: Y264 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y264:X1:2/3		E	1
993445	CAN-Valve: Y264 Monitor inactive Issue of error, valve in neutral position Contact Service	Y264:X1:2/3		E	1
993446	CAN-Valve: Y264 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y264:X1:2/3		E	1
993447	CAN-Valve: Y264 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y264:X1:2/3		E	1
993448	CAN-Valve: Y264 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y264:X1:2/3		E	1
993449	CAN-Valve: Y264 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y264:X1:2/3		E	1
993451	CAN-Valve: Y264 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y264:X1:2/3		E	1
993452	CAN-Valve: Y264 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y264:X1:2/3		E	1
993453	CAN-Valve: Y264 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y264:X1:2/3		E	1
993454	CAN-Valve: Y264 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y264:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993455	CAN-Valve: Y264 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y264:X1:2/3		E	1
993456	CAN-Valve: Y264 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y264:X1:2/3		E	1
993457	CAN-Valve: Y264 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y264:X1:2/3		E	1
993458	CAN-Valve: Y264 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y264:X1:2/3		E	1
993459	CAN-Valve: Y264 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y264:X1:2/3		E	1
993461	CAN-Valve: Y264 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y264:X1:2/3		E	1
993481	CAN-Valve: Y264 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y264:X1:2/3		E	1
993482	CAN-Valve: Y264 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y264:X1:2/3		E	1
993483	CAN-Valve: Y264 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y264:X1:2/3		E	1
993484	CAN-Valve: Y264 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y264:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993491	CAN-Valve: Y264 General program error Issue of error, Stop oil supply Replace valve	Y264:X1:2/3		E	1
9934D0	CAN-Valve: Y264 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y264:X1:2/3		E	1
9934D1	CAN-Valve: Y264 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y264:X1:2/3		E	1
9934D2	CAN-Valve: Y264 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y264:X1:2/3		E	1
9934D7	CAN-Valve: Y264 CAN-communication with BTB4 erroneous	Y264:X1:2/3		E	1
993511	CAN-Valve: Y265 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y265:X1:2/3		E	1
993512	CAN-Valve: Y265 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y265:X1:2/3		E	1
993513	CAN-Valve: Y265 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y265:X1:2/3		E	1
993514	CAN-Valve: Y265 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y265:X1:2/3		E	1
993515	CAN-Valve: Y265 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y265:X1:2/3		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993516	CAN-Valve: Y265 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y265:X1:2/3		E	1
993517	CAN-Valve: Y265 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y265:X1:2/3		E	1
993518	CAN-Valve: Y265 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y265:X1:2/3		E	1
993519	CAN-Valve: Y265 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y265:X1:2/3		E	1
993521	CAN-Valve: Y265 Supply voltage below 9V Output of error Check supply voltage	Y265:X1:2/3		E	1
993522	CAN-Valve: Y265 Supply voltage above 32V Output of error Check supply voltage	Y265:X1:2/3		E	1
993523	CAN-Valve: Y265 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y265:X1:2/3		E	1
993524	CAN-Valve: Y265 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y265:X1:2/3		E	1
993525	CAN-Valve: Y265 Error due to emerg. off by operator Output of error Check master device	Y265:X1:2/3		E	1
993526	CAN-Valve: Y265 Power reduction due to excessive temperature Output of error Check oil temperature	Y265:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993527	CAN-Valve: Y265 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y265:X1:2/3		E	1
993528	CAN-Valve: Y265 External Sensor Signal 1 Error Output of error Check external sensor	Y265:X1:2/3		E	1
993529	CAN-Valve: Y265 External Sensor Signal 2 Error Output of error Check external sensor	Y265:X1:2/3		E	1
993531	CAN-Valve: Y265 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y265:X1:2/3		E	1
993532	CAN-Valve: Y265 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y265:X1:2/3		E	1
993533	CAN-Valve: Y265 Slide deflected too short Output of error Check valve, check oil supply	Y265:X1:2/3		E	1
993534	CAN-Valve: Y265 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y265:X1:2/3		E	1
993535	CAN-Valve: Y265 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y265:X1:2/3		E	1
993536	CAN-Valve: Y265 Manual actuation Output of error Check manual activation on valve	Y265:X1:2/3		B	1
993539	CAN-Valve: Y265 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y265:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993541	CAN-Valve: Y265 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y265:X1:2/3		E	1
993542	CAN-Valve: Y265 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y265:X1:2/3		E	1
993543	CAN-Valve: Y265 Position error Issue of error, valve in neutral position Replace valve	Y265:X1:2/3		E	1
993544	CAN-Valve: Y265 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y265:X1:2/3		E	1
993545	CAN-Valve: Y265 Monitor inactive Issue of error, valve in neutral position Contact Service	Y265:X1:2/3		E	1
993546	CAN-Valve: Y265 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y265:X1:2/3		E	1
993547	CAN-Valve: Y265 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y265:X1:2/3		E	1
993548	CAN-Valve: Y265 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y265:X1:2/3		E	1
993549	CAN-Valve: Y265 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y265:X1:2/3		E	1
993551	CAN-Valve: Y265 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y265:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993552	CAN-Valve: Y265 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y265:X1:2/3		E	1
993553	CAN-Valve: Y265 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y265:X1:2/3		E	1
993554	CAN-Valve: Y265 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y265:X1:2/3		E	1
993555	CAN-Valve: Y265 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y265:X1:2/3		E	1
993556	CAN-Valve: Y265 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y265:X1:2/3		E	1
993557	CAN-Valve: Y265 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y265:X1:2/3		E	1
993558	CAN-Valve: Y265 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y265:X1:2/3		E	1
993559	CAN-Valve: Y265 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y265:X1:2/3		E	1
993561	CAN-Valve: Y265 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y265:X1:2/3		E	1
993581	CAN-Valve: Y265 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y265:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993582	CAN-Valve: Y265 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y265:X1:2/3		E	1
993583	CAN-Valve: Y265 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y265:X1:2/3		E	1
993584	CAN-Valve: Y265 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y265:X1:2/3		E	1
993591	CAN-Valve: Y265 General program error Issue of error, Stop oil supply Replace valve	Y265:X1:2/3		E	1
9935D0	CAN-Valve: Y265 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y265:X1:2/3		E	1
9935D1	CAN-Valve: Y265 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y265:X1:2/3		E	1
9935D2	CAN-Valve: Y265 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y265:X1:2/3		E	1
9935D7	CAN-Valve: Y265 CAN-communication with BTB4 erroneous	Y265:X1:2/3		E	1
993611	CAN-Valve: Y266 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y266:X1:2/3		E	1
993612	CAN-Valve: Y266 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y266:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993613	CAN-Valve: Y266 CAN Data transfer defective Issue of error, valve doesn't react Check connections, turn off / on	Y266:X1:2/3		E	1
993614	CAN-Valve: Y266 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y266:X1:2/3		E	1
993615	CAN-Valve: Y266 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y266:X1:2/3		E	1
993616	CAN-Valve: Y266 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y266:X1:2/3		E	1
993617	CAN-Valve: Y266 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y266:X1:2/3		E	1
993618	CAN-Valve: Y266 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y266:X1:2/3		E	1
993619	CAN-Valve: Y266 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y266:X1:2/3		E	1
993621	CAN-Valve: Y266 Supply voltage below 9V Output of error Check supply voltage	Y266:X1:2/3		E	1
993622	CAN-Valve: Y266 Supply voltage above 32V Output of error Check supply voltage	Y266:X1:2/3		E	1
993623	CAN-Valve: Y266 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y266:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993624	CAN-Valve: Y266 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y266:X1:2/3		E	1
993625	CAN-Valve: Y266 Error due to emerg. off by operator Output of error Check master device	Y266:X1:2/3		E	1
993626	CAN-Valve: Y266 Power reduction due to excessive temperature Output of error Check oil temperature	Y266:X1:2/3		E	1
993627	CAN-Valve: Y266 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y266:X1:2/3		E	1
993628	CAN-Valve: Y266 External Sensor Signal 1 Error Output of error Check external sensor	Y266:X1:2/3		E	1
993629	CAN-Valve: Y266 External Sensor Signal 2 Error Output of error Check external sensor	Y266:X1:2/3		E	1
993631	CAN-Valve: Y266 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y266:X1:2/3		E	1
993632	CAN-Valve: Y266 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y266:X1:2/3		E	1
993633	CAN-Valve: Y266 Slide deflected too short Output of error Check valve, check oil supply	Y266:X1:2/3		E	1
993634	CAN-Valve: Y266 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y266:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993635	CAN-Valve: Y266 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y266:X1:2/3		E	1
993636	CAN-Valve: Y266 Manual actuation Output of error Check manual activation on valve	Y266:X1:2/3		B	1
993639	CAN-Valve: Y266 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y266:X1:2/3		E	1
993641	CAN-Valve: Y266 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y266:X1:2/3		E	1
993642	CAN-Valve: Y266 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y266:X1:2/3		E	1
993643	CAN-Valve: Y266 Position error Issue of error, valve in neutral position Replace valve	Y266:X1:2/3		E	1
993644	CAN-Valve: Y266 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y266:X1:2/3		E	1
993645	CAN-Valve: Y266 Monitor inactive Issue of error, valve in neutral position Contact Service	Y266:X1:2/3		E	1
993646	CAN-Valve: Y266 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y266:X1:2/3		E	1
993647	CAN-Valve: Y266 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y266:X1:2/3		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993648	CAN-Valve: Y266 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y266:X1:2/3		E	1
993649	CAN-Valve: Y266 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y266:X1:2/3		E	1
993651	CAN-Valve: Y266 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y266:X1:2/3		E	1
993652	CAN-Valve: Y266 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y266:X1:2/3		E	1
993653	CAN-Valve: Y266 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y266:X1:2/3		E	1
993654	CAN-Valve: Y266 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y266:X1:2/3		E	1
993655	CAN-Valve: Y266 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y266:X1:2/3		E	1
993656	CAN-Valve: Y266 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y266:X1:2/3		E	1
993657	CAN-Valve: Y266 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y266:X1:2/3		E	1
993658	CAN-Valve: Y266 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y266:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993659	CAN-Valve: Y266 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y266:X1:2/3		E	1
993661	CAN-Valve: Y266 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y266:X1:2/3		E	1
993681	CAN-Valve: Y266 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y266:X1:2/3		E	1
993682	CAN-Valve: Y266 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y266:X1:2/3		E	1
993683	CAN-Valve: Y266 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y266:X1:2/3		E	1
993684	CAN-Valve: Y266 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y266:X1:2/3		E	1
993691	CAN-Valve: Y266 General program error Issue of error, Stop oil supply Replace valve	Y266:X1:2/3		E	1
9936D0	CAN-Valve: Y266 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y266:X1:2/3		E	1
9936D1	CAN-Valve: Y266 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y266:X1:2/3		E	1
9936D2	CAN-Valve: Y266 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y266:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
9936D7	CAN-Valve: Y266 CAN-communication with BTB4 erroneous	Y266:X1:2/3		E	1
993711	CAN-Valve: Y267 Connection status Initialization of valve Issue of error, valve doesn't react Turn off / on	Y267:X1:2/3		E	1
993712	CAN-Valve: Y267 Connector status stopped Issue of error, valve doesn't react Turn off / on	Y267:X1:2/3		E	1
993713	CAN-Valve: Y267 CAN Data transfer defective Issue of error, valve doesn't react Check connections, turn off / on	Y267:X1:2/3		E	1
993714	CAN-Valve: Y267 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y267:X1:2/3		E	1
993715	CAN-Valve: Y267 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y267:X1:2/3		E	1
993716	CAN-Valve: Y267 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y267:X1:2/3		E	1
993717	CAN-Valve: Y267 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y267:X1:2/3		E	1
993718	CAN-Valve: Y267 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y267:X1:2/3		E	1
993719	CAN-Valve: Y267 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y267:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993721	CAN-Valve: Y267 Supply voltage below 9V Output of error Check supply voltage	Y267:X1:2/3		E	1
993722	CAN-Valve: Y267 Supply voltage above 32V Output of error Check supply voltage	Y267:X1:2/3		E	1
993723	CAN-Valve: Y267 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y267:X1:2/3		E	1
993724	CAN-Valve: Y267 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y267:X1:2/3		E	1
993725	CAN-Valve: Y267 Error due to emerg. off by operator Output of error Check master device	Y267:X1:2/3		E	1
993726	CAN-Valve: Y267 Power reduction due to excessive temperature Output of error Check oil temperature	Y267:X1:2/3		E	1
993727	CAN-Valve: Y267 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y267:X1:2/3		E	1
993728	CAN-Valve: Y267 External Sensor Signal 1 Error Output of error Check external sensor	Y267:X1:2/3		E	1
993729	CAN-Valve: Y267 External Sensor Signal 2 Error Output of error Check external sensor	Y267:X1:2/3		E	1
993731	CAN-Valve: Y267 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y267:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993732	CAN-Valve: Y267 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y267:X1:2/3		E	1
993733	CAN-Valve: Y267 Slide deflected too short Output of error Check valve, check oil supply	Y267:X1:2/3		E	1
993734	CAN-Valve: Y267 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y267:X1:2/3		E	1
993735	CAN-Valve: Y267 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y267:X1:2/3		E	1
993736	CAN-Valve: Y267 Manual actuation Output of error Check manual activation on valve	Y267:X1:2/3		B	1
993739	CAN-Valve: Y267 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y267:X1:2/3		E	1
993741	CAN-Valve: Y267 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y267:X1:2/3		E	1
993742	CAN-Valve: Y267 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y267:X1:2/3		E	1
993743	CAN-Valve: Y267 Position error Issue of error, valve in neutral position Replace valve	Y267:X1:2/3		E	1
993744	CAN-Valve: Y267 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y267:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993745	CAN-Valve: Y267 Monitor inactive Issue of error, valve in neutral position Contact Service	Y267:X1:2/3		E	1
993746	CAN-Valve: Y267 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y267:X1:2/3		E	1
993747	CAN-Valve: Y267 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y267:X1:2/3		E	1
993748	CAN-Valve: Y267 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y267:X1:2/3		E	1
993749	CAN-Valve: Y267 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y267:X1:2/3		E	1
993751	CAN-Valve: Y267 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y267:X1:2/3		E	1
993752	CAN-Valve: Y267 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y267:X1:2/3		E	1
993753	CAN-Valve: Y267 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y267:X1:2/3		E	1
993754	CAN-Valve: Y267 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y267:X1:2/3		E	1
993755	CAN-Valve: Y267 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y267:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993756	CAN-Valve: Y267 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y267:X1:2/3		E	1
993757	CAN-Valve: Y267 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y267:X1:2/3		E	1
993758	CAN-Valve: Y267 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y267:X1:2/3		E	1
993759	CAN-Valve: Y267 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y267:X1:2/3		E	1
993761	CAN-Valve: Y267 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y267:X1:2/3		E	1
993781	CAN-Valve: Y267 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y267:X1:2/3		E	1
993782	CAN-Valve: Y267 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y267:X1:2/3		E	1
993783	CAN-Valve: Y267 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y267:X1:2/3		E	1
993784	CAN-Valve: Y267 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y267:X1:2/3		E	1
993791	CAN-Valve: Y267 General program error Issue of error, Stop oil supply Replace valve	Y267:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
9937D0	CAN-Valve: Y267 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y267:X1:2/3		E	1
9937D1	CAN-Valve: Y267 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y267:X1:2/3		E	1
9937D2	CAN-Valve: Y267 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y267:X1:2/3		E	1
9937D7	CAN-Valve: Y267 CAN-communication with BTB4 erroneous	Y267:X1:2/3		E	1
993811	CAN-Valve: Y268 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y268:X1:2/3		E	1
993812	CAN-Valve: Y268 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y268:X1:2/3		E	1
993813	CAN-Valve: Y268 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y268:X1:2/3		E	1
993814	CAN-Valve: Y268 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y268:X1:2/3		E	1
993815	CAN-Valve: Y268 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y268:X1:2/3		E	1
993816	CAN-Valve: Y268 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y268:X1:2/3		E	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993817	CAN-Valve: Y268 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y268:X1:2/3		E	1
993818	CAN-Valve: Y268 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y268:X1:2/3		E	1
993819	CAN-Valve: Y268 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y268:X1:2/3		E	1
993821	CAN-Valve: Y268 Supply voltage below 9V Output of error Check supply voltage	Y268:X1:2/3		E	1
993822	CAN-Valve: Y268 Supply voltage above 32V Output of error Check supply voltage	Y268:X1:2/3		E	1
993823	CAN-Valve: Y268 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y268:X1:2/3		E	1
993824	CAN-Valve: Y268 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y268:X1:2/3		E	1
993825	CAN-Valve: Y268 Error due to emerg. off by operator Output of error Check master device	Y268:X1:2/3		E	1
993826	CAN-Valve: Y268 Power reduction due to excessive temperature Output of error Check oil temperature	Y268:X1:2/3		E	1
993827	CAN-Valve: Y268 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y268:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993828	CAN-Valve: Y268 External Sensor Signal 1 Error Output of error Check external sensor	Y268:X1:2/3		E	1
993829	CAN-Valve: Y268 External Sensor Signal 2 Error Output of error Check external sensor	Y268:X1:2/3		E	1
993831	CAN-Valve: Y268 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y268:X1:2/3		E	1
993832	CAN-Valve: Y268 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y268:X1:2/3		E	1
993833	CAN-Valve: Y268 Slide deflected too short Output of error Check valve, check oil supply	Y268:X1:2/3		E	1
993834	CAN-Valve: Y268 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y268:X1:2/3		E	1
993835	CAN-Valve: Y268 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y268:X1:2/3		E	1
993836	CAN-Valve: Y268 Manual actuation Output of error Check manual activation on valve	Y268:X1:2/3		B	1
993839	CAN-Valve: Y268 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y268:X1:2/3		E	1
993841	CAN-Valve: Y268 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y268:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993842	CAN-Valve: Y268 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y268:X1:2/3		E	1
993843	CAN-Valve: Y268 Position error Issue of error, valve in neutral position Replace valve	Y268:X1:2/3		E	1
993844	CAN-Valve: Y268 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y268:X1:2/3		E	1
993845	CAN-Valve: Y268 Monitor inactive Issue of error, valve in neutral position Contact Service	Y268:X1:2/3		E	1
993846	CAN-Valve: Y268 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y268:X1:2/3		E	1
993847	CAN-Valve: Y268 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y268:X1:2/3		E	1
993848	CAN-Valve: Y268 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y268:X1:2/3		E	1
993849	CAN-Valve: Y268 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y268:X1:2/3		E	1
993851	CAN-Valve: Y268 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y268:X1:2/3		E	1
993852	CAN-Valve: Y268 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y268:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993853	CAN-Valve: Y268 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y268:X1:2/3		E	1
993854	CAN-Valve: Y268 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y268:X1:2/3		E	1
993855	CAN-Valve: Y268 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y268:X1:2/3		E	1
993856	CAN-Valve: Y268 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y268:X1:2/3		E	1
993857	CAN-Valve: Y268 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y268:X1:2/3		E	1
993858	CAN-Valve: Y268 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y268:X1:2/3		E	1
993859	CAN-Valve: Y268 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y268:X1:2/3		E	1
993861	CAN-Valve: Y268 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y268:X1:2/3		E	1
993881	CAN-Valve: Y268 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y268:X1:2/3		E	1
993882	CAN-Valve: Y268 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y268:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993883	CAN-Valve: Y268 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y268:X1:2/3		E	1
993884	CAN-Valve: Y268 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y268:X1:2/3		E	1
993891	CAN-Valve: Y268 General program error Issue of error, Stop oil supply Replace valve	Y268:X1:2/3		E	1
9938D0	CAN-Valve: Y268 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y268:X1:2/3		E	1
9938D1	CAN-Valve: Y268 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y268:X1:2/3		E	1
9938D2	CAN-Valve: Y268 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y268:X1:2/3		E	1
9938D7	CAN-Valve: Y268 CAN-communication with BTB4 erroneous	Y268:X1:2/3		E	1
B78FA0	LSB-TE7: control heating/air conditioning Set air circ./ no fresh air ground/back measure short circuit VCC	A87		E	1
B78FA1	LSB-TE7: control heating/air conditioning Set air circ. / no fresh air VCC / back measure short circuit ground	A87		E	1
B78FA2	LSB-TE7: control heating/air conditioning Set air circ. / fresh air flap blocked	A87		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
B78FA3	LSB-TE7: control heating/air conditioning Set air circ. / fresh air left interruption / short circuit ground	A87		E	1
B78FA4	LSB-TE7: control heating/air conditioning Set air circ. / fresh air right interruption / short circuit ground	A87		E	1
B78FA5	LSB-TE7: control heating/air conditioning Set air foot / window ground missing / back measure short circuit VCC	A87		E	1
B78FA6	LSB-TE7: control heating/air conditioning Set air foot / window VCC missing / back measure short circuit ground	A87		E	1
B78FA7	LSB-TE7: control heating/air conditioning Set air foot / window flap blocked	A87		E	1
B78FA8	LSB-TE7: control heating/air conditioning Set air foot / window left interruption / short circuit ground	A87		E	1
B78FA9	LSB-TE7: control heating/air conditioning Set air foot / window right interruption / short circuit ground	A87		E	1
EFF001	LSB-BTT: System error Data comm. Infrared or cable defect (charge impulse recognized) Fatal system error BTT, Data transfer interrupted Clean cover glass for infrared interface, replace BTT or payload bay			E	1
EFF002	LSB-BTT: System error Data communication via Infrared or cables without charge impulse Fatal system error BTT, Data transfer interrupted Clean charge contacts, replace BTT or payload bay			E	1
EFF003	LSB-BTT: System error General internal error Fatal system error BTT, Data transfer interrupted Reset, replace BTT			E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
EFF004	LSB-BTT: System error Data transfer erroneous, Packet size incorrect Fatal system error BTT, Data transfer interrupted Reset, BTT or replace BTB			E	2
EFF005	LSB-BTT: System error Data transfer erroneous, Packet content incorrect Fatal system error BTT, Data transfer interrupted Reset, BTT or replace BTB			E	2
EFF006	LSB-BTT: System error Data transfer pictograms to BTT-E defective Fatal system error BTT, Data transfer interrupted Clean cover glass for infrared interface, replace BTT or BTT-E			E	2
EFF007	LSB-BTT: System error File system Fatal system error BTT, Data transfer interrupted After software change, load BTT, replace BTT			E	2
EFF008	LSB-BTT: System error Comm-driver Fatal system error BTT, Data transfer interrupted Reset, after software replacement load BTT, replace BTT			E	2
EFF009	LSB-BTT: System error Synchronization internal software processes (thread) erroneous Fatal system error BTT, Data transfer interrupted Reset, after software replacement load BTT, replace BTT			E	2
EFF010	LSB-BTT: System error Data format of a pictogram invalid Fatal system error BTT, Data transfer interrupted Replace software			E	2
EFF011	LSB-BTT: System error Maximum number of pictograms exceeded Fatal system error BTT, Data transfer interrupted BTT-E tauschen			E	2
F00000	LSB-BKE1: Central lubrication system defective Indicator light red, entry in error stack Check central greasing system, change module if nec.	A371.X2:11		E	1
F00110	LSB-BKE1: Tele control Pin condition Tele/tong erroneous/implausible Entry in error stack Check limit switch and electr. connections, change module if nec.	A371		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F02000	LSB-BKE1: Airplane warning light defective Entry in error stack Check electr. connections and airplane warning light, replace module, if nec.	A371.X2:16		E	1
F0605D	LSB-BKE1: Module temperature too high / prewarning Entry in error stack Check power users(headlights)+ electr. connections, replace module if nec.	A371		E	2
F0605E	LSB-BKE1: Module temperature too high / shut off of users Headlights are turned off step by step, entry in error stack Check power users(headlights)+ electr. connections, replace module if nec.	A371		E	2
F07090	LSB-BKE1: Keyboard Button actuated/erroneous Entry in error stack Replace module	A371		E	1
F08781	LSB-BKE1: Digital input E0.7 short circuit to supply voltage, open line Error display per blinking LED, Entry in error stack Test electr. connections and windshield wiper motor, change module if nec.	A371.X2:3		E	1
F08881	LSB-BKE1: Digital input E0.8 short circuit to supply voltage, open line Error display per blinking LED, Entry in error stack Test electr. connections and windshield wiper motor, change module if nec.	A371.X2:1		E	1
F08981	LSB-BKE1: Digital input E0.9 short circuit to supply voltage, open line Error display per blinking LED, Entry in error stack Test electr. connections and windshield wiper motor, change module if nec.	A371.X2:2		E	1
F0B05C	LSB-BKE1: Supply voltage 30.4 missing or too low Entry in error stack Test current, electr. connections and fuse, change module if nec.	A371.X4:2/3		E	2
F0B15C	LSB-BKE1: Supply voltage 30.1 missing or too low Entry in error stack Test current, electr. connections and fuse, change module if nec.	A371.X3:2		E	2
F0B25C	LSB-BKE1: Supply voltage 30.2 missing or too low Entry in error stack Test current, electr. connections and fuse, change module if nec.	A371.X3:3		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F0B35C	LSB-BKE1: Supply voltage 30.3 missing or too low Entry in error stack Test current, electr. connections and fuse, change module if nec.	A371.X3:6		E	2
F0B45C	LSB-BKE1: Supply voltage 15.2 missing or too low Entry in error stack Test current, electr. connections and fuse, change module if nec.	A371.X4:6		E	2
F0B55C	LSB-BKE1: Supply voltage 15.1 missing or too low Entry in error stack Test current, electr. connections and fuse, change module if nec.	A371.X1:2		E	2
F0C05B	LSB-BKE1: Switch outlet A0.0 open, insufficient load, short circuit,overload or excess temp. Entry in error stack, set error status bit in EW4 Check outlet supply, user, change module if nec.	A371.X4:10		E	1
F0C25B	LSB-BKE1: Switching output A0.2 open, insufficient load, short circuit,overload or excess temp. Entry in error stack, set error status bit in EW4 Check outlet supply, user, change module if nec.	A371.X4:7		E	1
F0C45B	LSB-BKE1: Switching output A0.4 open, insufficient load, short circuit,overload or excess temp. Error display per blinking LED, entry in error stack, set error status bit in EW4 Check outlet supply, user, change module if nec.	A371.X3:8		E	1
F0C55B	LSB-BKE1: Switching output A0.5 open, insufficient load, short circuit,overload or excess temp. Error display per blinking LED, entry in error stack, set error status bit in EW4 Check outlet supply, user, change module if nec.	A371.X3:11		E	1
F0C65B	LSB-BKE1: Switching output A0.6 open, insufficient load, short circuit,overload or excess temp. Error display per blinking LED, entry in error stack, set error status bit in EW4 Check outlet supply, user, change module if nec.	A371.X4:15		E	1
F0C75B	LSB-BKE1: Switching output A0.7 open, insufficient load, short circuit,overload or excess temp. Error display per blinking LED, entry in error stack, set error status bit in EW4 Check outlet supply, user, change module if nec.	A371.X4:8		E	1
F0C85B	LSB-BKE1: Switching output A0.8 open, insufficient load, short circuit,overload or excess temp. Error display per blinking LED, entry in error stack, set error status bit in EW4 Check outlet supply, user, change module if nec.	A371.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F0C95B	LSB-BKE1: Switching output A0.9 open, insufficient load, short circuit,overload or excess temp. Error display per blinking LED, entry in error stack, set error status bit in EW4 Check outlet supply, user, change module if nec.	A371.X4:12		E	1
F0CA5B	LSB-BKE1: Switching output A0.10 open, insufficient load, short circuit,overload or excess temp. Error display per blinking LED, entry in error stack, set error status bit in EW4 Check outlet supply, user, change module if nec.	A371.X3:9		E	1
F0CB5B	LSB-BKE1: Switching output A0.11 open, insufficient load, short circuit,overload or excess temp. Error display per blinking LED, entry in error stack, set error status bit in EW4 Check outlet supply, user, change module if nec.	A371.X3:12		E	1
F0CC5B	LSB-BKE1: Switching output A0.12 open, insufficient load, short circuit,overload or excess temp. Error display per blinking LED, entry in error stack, set error status bit in EW4 Check outlet supply, user, change module if nec.	A371.X3:15		E	1
F0CE5B	LSB-BKE1: Switching output A0.14 open, insufficient load, short circuit,overload or excess temp. Error display per blinking LED, entry in error stack, set error status bit in EW4 Check outlet supply, user, change module if nec.	A371.X3:14		E	1
F0D15B	LSB-BKE1: Switching output A2.1 open, insufficient load, short circuit,overload or excess temp. Error display per blinking LED, entry in error stack, set error status bit in EW5 Check outlet supply, user, change module if nec.	A371.X4:16		E	1
F0D25B	LSB-BKE1: Switching output A2.2 open, insufficient load, short circuit,overload or excess temp. Error display per blinking LED, entry in error stack, set error status bit in EW5 Check outlet supply, user, change module if nec.	A371.X3:5		E	1
F0D35B	LSB-BKE1: Switching output A2.3 open, insufficient load, short circuit,overload or excess temp. Error display per blinking LED, entry in error stack, set error status bit in EW5 Check outlet supply, user, change module if nec.	A371.X3:1		E	1
F0D45B	LSB-BKE1: Switching output A2.4 open, insufficient load, short circuit,overload or excess temp. Error display per blinking LED, entry in error stack, set error status bit in EW5 Check outlet supply, user, change module if nec.	A371.X3:4		E	1
F0D55B	LSB-BKE1: Switching output A2.5 open, insufficient load, short circuit,overload or excess temp. Error display per blinking LED, entry in error stack, set error status bit in EW5 Check outlet supply, user, change module if nec.	A371.X3:7		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F0D65B	LSB-BKE1: Switching output A2.6 open, insufficient load, short circuit,overload or excess temp. Error display per blinking LED, entry in error stack, set error status bit in EW5 Check outlet supply, user, change module if nec.	A371.X3:10		E	1
F0D75B	LSB-BKE1: Switching output A2.7 open, insufficient load, short circuit,overload or excess temp. Error display per blinking LED, entry in error stack, set error status bit in EW5 Check outlet supply, user, change module if nec.	A371.X3:13		E	1
F0D85B	LSB-BKE1: Switching output A2.8 open, insufficient load, short circuit,overload or excess temp. Error display per blinking LED, entry in error stack, set error status bit in EW5 Check outlet supply, user, change module if nec.	A371.X4:14		E	1
F0D95B	LSB-BKE1: Switching output A2.9 open, insufficient load, short circuit,overload or excess temp. Error display per blinking LED, entry in error stack, set error status bit in EW5 Check outlet supply, user, change module if nec.	A371.X4:11		E	1
F0DA5B	LSB-BKE1: Switching output A2.10 open, insufficient load, short circuit,overload or excess temp. Error display per blinking LED, entry in error stack, set error status bit in EW5 Check outlet supply, user, change module if nec.	A371.X4:17		E	1
F0DB5B	LSB-BKE1: Switching output A2.11 open, insufficient load, short circuit,overload or excess temp. Error display per blinking LED, entry in error stack, set error status bit in EW5 Check outlet supply, user, change module if nec.	A371.X4:13		E	1
F0DC5B	LSB-BKE1: Switching output A2.12 open, insufficient load, short circuit,overload or excess temp. Error display per blinking LED, entry in error stack, set error status bit in EW5 Check outlet supply, user, change module if nec.	A371.X4:1		E	1
F0DD5B	LSB-BKE1: Switching output A2.13 open, insufficient load, short circuit,overload or excess temp. Error display per blinking LED, entry in error stack, set error status bit in EW5 Check outlet supply, user, change module if nec.	A371.X4:4		E	1
F0E05B	LSB-BKE1: Switching output A2.15 open, insufficient load, short circuit,overload or excess temp. Entry in error stack, set error status bit EW5 Check outlet supply, user, change module if nec.	A371.X1:3		E	1
F0F0A0	LSB-BKE1: Control Funktion blocked: button actuation without release Entry in error stack Carry out the manual buttons release	A371		B	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F0F0A1	LSB-BKE1: Control Function locked: sequence of key actuation not observed Entry in error stack Carry out the manual buttons release	A371		B	1
F0F0A2	LSB-BKE1: Control Function blocked: button actuation impermissible Entry in error stack Press only one function key	A371		B	1
F0F108	LSB-BKE1: System error OS-CPU EEPROM erroneous Blinker code on internal LED, entry in error stack, no reaction Replace module	A371		E	1
F0F120	LSB-BKE1: System error OS-CPU task-watchdog expired Blinker code on internal LED, entry in error stack, no reaction Replace module	A371		E	2
F0F1C0	LSB-BKE1: System error OS-CPU Hardware / Software erroneous Blinker code on internal LED, entry in error stack, no reaction Replace module	A371		E	2
F0FC5A	LSB-BKE1: Control data transfer LSB Parameter block has erroneous test sum Entry in error stack Replace module	A371		E	1
F0FC5B	LSB-BKE1: Control data transfer LSB Short circuit on 2nd LSB-Transistor Entry in error stack Replace module	A371		E	1
F41963	LSB-BTB4: LSBA Participant Adr. 25 not available or open line	A34.X4:12		E	1
F41A63	LSB-BTB4: LSBA Participant Adr. 26 not available or open line	A34.X4:12		E	1
F43508	LSB-BTB4: LSBB Participant Adr. 5 bus transmission exceeded	A34.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F45FA4	LSB-BTB4: Control Radio remote control Oil supply stopped, no control	A34		E	1
F46003	LSB-BTB4: Control Radio remote control Locked, too many buttons on terminal actuated	A34		B	1
F460A4	LSB-BTB4: Control Radio remote control Oil supply stopped, no control	A34		E	1
F460B1	LSB-BTB4: Control Radio remote control Collective error Shut off winch 1 Check exact errors on Liccon	A34		E	1
F460B2	LSB-BTB4: Control Radio remote control Collective error Shut off winch 2 Check exact errors on Liccon	A34		E	1
F460B3	LSB-BTB4: Control Radio remote control Collective error Shut off winch 3 Check exact errors on Liccon	A34		E	1
F460B4	LSB-BTB4: Control Radio remote control Collective error Shut off winch 4 Check exact errors on Liccon	A34		E	1
F460B5	LSB-BTB4: Control Radio remote control Collective error Shut off winch 5 Check exact errors on Liccon	A34		E	1
F460B6	LSB-BTB4: Control Radio remote control Collective error Shut off winch 6 Check exact errors on Liccon	A34		E	1
F460B7	LSB-BTB4: Control Radio remote control Collective error Shut off turning Check exact errors on Liccon	A34		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F460B8	LSB-BTB4: Control Radio remote control Collective error Shut off ballast Check exact errors on Liccon	A34		E	1
F460B9	LSB-BTB4: Control Radio remote control Collective error Shut off assembly cyl. Check exact errors on Liccon	A34		E	1
F460BA	LSB-BTB4: Control Radio remote control Collective error Shut off hoist top Check exact errors on Liccon	A34		E	1
F460BB	LSB-BTB4: Control Radio remote control Collective error Shut off LMB Check exact errors on Liccon	A34		E	1
F460BC	LSB-BTB4: Control Radio remote control Collective error Shut off MS-BTTE	A34		E	1
F460BD	LSB-BTB4: Control Radio remote control Collective error engine not running	A34		E	1
F460BE	LSB-BTB4: Control Radio remote control Collective error Seat contact	A34		E	1
F460BF	LSB-BTB4: Control Radio remote control Master switch BTT-E deflected without confirmation F7	A34		B	1
F46220	LSB-BTB4: Control hydraulic Pressure stage p0 - pressure too high - Shut off	A34		B	1
F462A0	LSB-BTB4: Control hydraulic No confirmation pump9 for hydr. shaft	A34		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F462A1	LSB-BTB4: Control hydraulic Valve Y206 round run hydr. shaft switched erroneous	A34		E	1
F462A2	LSB-BTB4: Control hydraulic Pressure check hydr. shaft at turn on notOK	A34		E	1
F462A3	LSB-BTB4: Control hydraulic Pressure check hydr. shaft at turn off notOK	A34		E	1
F462A4	LSB-BTB4: Control hydraulic Hydr. shaft is turned on, pressure in round run erroneous	A34		E	1
F462A5	LSB-BTB4: Control hydraulic Pressure check op. hydr. shaft erroneous, pressure too low	A34		E	1
F462A6	LSB-BTB4: Control hydraulic Pump 9 from cab assigned, hydr. shaft not usable	A34		E	1
F47E25	LSB-BTB4: Boot up phase crane control / emerg.off Emerg. off active, at active radio remote control	A34		E	1
F48889	LSB-BTB4: control supports Incline sensor erroneous/ missing	A34		E	1
F488E9	LSB-BTB4: control supports Current re-measure Supply CAN-valves erroneous	A34		E	1
F488EA	LSB-BTB4: control supports Return current measurement beacon erroneous	A34		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F488EB	LSB-BTB4: control supports Return current measurement lighting support left erroneous	A34		E	1
F488EC	LSB-BTB4: control supports Return current measurement lighting support right erroneous	A34		E	1
F48A20	LSB-BTB4: Operation crawler High-speed gear crawler is not poss. - parallel op. crawler is on	A34		E	1
F48A23	LSB-BTB4: Operation crawler Parallel operation crawler cannot be selected	A34		E	1
F48A28	LSB-BTB4: Operation crawler Drive crawler not possible - crawler not turned on	A34		E	1
F4AC01	LSB-BTB4: operation supports operation of 2-hand-function without activation of 2-hand-key	A34		B	1
F4AC24	LSB-BTB4: operation supports no customized function in under-carriage operation mode	A34		B	1
F4ACE0	LSB-BTB4: operation supports Movement impermissible, turntable not in longitudinal axis	A34		B	1
F4ACEC	LSB-BTB4: operation supports Selection not permitted, since pressure sensor erroneous	A34		B	1
F4ACF0	LSB-BTB4: operation supports Incline too large for support	A34		B	1



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4ACF1	LSB-BTB4: operation supports Pressure of at least one support below limit value	A34		B	1
F4ACF2	LSB-BTB4: operation supports Support 1 may not proceed in this direction	A34		B	1
F4ACF3	LSB-BTB4: operation supports Support 2 may not proceed in this direction	A34		B	1
F4ACF4	LSB-BTB4: operation supports Support 3 may not proceed in this direction	A34		B	1
F4ACF5	LSB-BTB4: operation supports Support 4 may not proceed in this direction	A34		B	1
F4ACF6	LSB-BTB4: operation supports Selection not permitted since incline sensor faulty	A34		B	1
F4AE0C	LSB-BTB4: Operation crawler Simultaneous from different control locations	A34		B	1
F4C218	LSB-BTB4: Hardware excess temperature	A34		E	2
F4C21B	LSB-BTB4: Hardware digital shut off defective	A34		E	2
F4C21F	LSB-BTB4: Hardware After run logic defective	A34		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4C226	LSB-BTB4: Hardware Under temperature	A34		E	2
F4C261	LSB-BTB4: Hardware measuring system defect	A34		E	2
F4C504	LSB-BTB4: System voltage Logic / CPU0 level exceeded	A34		E	2
F4C505	LSB-BTB4: System voltage Logic / CPU0 below minimum level	A34		E	2
F4C50F	LSB-BTB4: System voltage Logic / CPU0 different information on other processor	A34		E	2
F4C604	LSB-BTB4: System voltage CPU/Logic / CPU0 level exceeded	A34		E	2
F4C605	LSB-BTB4: System voltage CPU/Logic / CPU0 below minimum level	A34		E	2
F4C60F	LSB-BTB4: System voltage CPU/Logic / CPU0 different information on other processor	A34		E	2
F4C704	LSB-BTB4: Supply voltage 30 (A0-7) / CPU0 level exceeded	A34.X1:2/3		E	2
F4C705	LSB-BTB4: Supply voltage 30 (A0-7) / CPU0 below minimum level	A34.X1:2/3		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4C804	LSB-BTB4: Supply voltage 15.1 / CPU0 level exceeded	A34.X1:1		E	2
F4C805	LSB-BTB4: Supply voltage 15.1 / CPU0 below minimum level	A34.X1:1		E	2
F4C80F	LSB-BTB4: Supply voltage 15.1 / CPU0 different information on other processor	A34.X1:1		E	2
F4CC04	LSB-BTB4: System voltage Logic / CPU1 level exceeded	A34		E	2
F4CC05	LSB-BTB4: System voltage Logic / CPU1 below minimum level	A34		E	2
F4CC0F	LSB-BTB4: System voltage Logic / CPU1 different information on other processor	A34		E	2
F4CD04	LSB-BTB4: System voltage CPU/Logic / CPU1 level exceeded	A34		E	2
F4CD05	LSB-BTB4: System voltage CPU/Logic / CPU1 below minimum level	A34		E	2
F4CD0F	LSB-BTB4: System voltage CPU/Logic / CPU1 different information on other processor	A34		E	2
F4CE04	LSB-BTB4: Supply voltage 30 (A8-15) / CPU1 level exceeded	A34.X2:2/3		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4CE05	LSB-BTB4: Supply voltage 30 (A8-15) / CPU1 below minimum level	A34.X2:2/3		E	2
F4CF04	LSB-BTB4: Supply voltage 15.2 / CPU1 level exceeded	A34.X2:1		E	2
F4CF05	LSB-BTB4: Supply voltage 15.2 / CPU1 below minimum level	A34.X2:1		E	2
F4CF0F	LSB-BTB4: Supply voltage 15.2 / CPU1 different information on other processor	A34.X2:1		E	2
F4D004	LSB-BTB4: Digital input E0 level exceeded	A34.X1:4		E	2
F4D005	LSB-BTB4: Digital input E0 below minimum level	A34.X1:4		E	2
F4D012	LSB-BTB4: Digital input E0 short circuit to ground	A34.X1:4		E	1
F4D014	LSB-BTB4: Digital input E0 short circuit to supply voltage	A34.X1:4		E	1
F4D104	LSB-BTB4: Digital input E1 level exceeded	A34.X1:5		E	2
F4D105	LSB-BTB4: Digital input E1 below minimum level	A34.X1:5		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4D204	LSB-BTB4: Digital input E2 level exceeded	A34.X1:6		E	2
F4D205	LSB-BTB4: Digital input E2 below minimum level	A34.X1:6		E	2
F4D304	LSB-BTB4: Digital input E3 level exceeded	A34.X1:7		E	2
F4D305	LSB-BTB4: Digital input E3 below minimum level	A34.X1:7		E	2
F4D354	LSB-BTB4: Digital input E3 short circuit to supply voltage	A34.X1:7		E.	1
F4D356	LSB-BTB4: Digital input E3 open circuit or short circuit to ground	A34.X1:7		E.	1
F4D454	LSB-BTB4: Digital input E4 short circuit to supply voltage	A34.X1:8		E.	1
F4D456	LSB-BTB4: Digital input E4 open circuit or short circuit to ground	A34.X1:8		E.	1
F4D554	LSB-BTB4: Digital input E5 short circuit to supply voltage	A34.X1:9		E.	1
F4D556	LSB-BTB4: Digital input E5 open circuit or short circuit to ground	A34.X1:9		E.	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4D804	LSB-BTB4: Digital input E8 level exceeded	A34.X2:4		E	2
F4D805	LSB-BTB4: Digital input E8 below minimum level	A34.X2:4		E	2
F4D904	LSB-BTB4: Digital input E9 level exceeded	A34.X2:5		E	2
F4D905	LSB-BTB4: Digital input E9 below minimum level	A34.X2:5		E	2
F4DA04	LSB-BTB4: Digital input E10 level exceeded	A34.X2:6		E	2
F4DA05	LSB-BTB4: Digital input E10 below minimum level	A34.X2:6		E	2
F4DB04	LSB-BTB4: Digital input E11 level exceeded	A34.X2:7		E	2
F4DB05	LSB-BTB4: Digital input E11 below minimum level	A34.X2:7		E	2
F4DE54	LSB-BTB4: Digital input E14 short circuit to supply voltage	A34.X2:10		E	1
F4DE56	LSB-BTB4: Digital input E14 open circuit or short circuit to ground	A34.X2:10		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4E012	LSB-BTB4: Switching output A0 short circuit to ground	A34.X1:12		E	2
F4E01D	LSB-BTB4: Switching output A0 Initial current outside permissible range	A34.X1:12		E	2
F4E054	LSB-BTB4: Switching output A0 short circuit to supply voltage	A34.X1:12		E	2
F4E072	LSB-BTB4: Switching output A0 outside source feeding	A34.X1:12		E	2
F4E112	LSB-BTB4: Switching output A1 short circuit to ground	A34.X1:13		E	2
F4E11D	LSB-BTB4: Switching output A1 Initial current outside permissible range	A34.X1:13		E	2
F4E154	LSB-BTB4: Switching output A1 short circuit to supply voltage	A34.X1:13		E	2
F4E172	LSB-BTB4: Switching output A1 outside source feeding	A34.X1:13		E	2
F4E212	LSB-BTB4: Switching output A2 short circuit to ground	A34.X1:14		E	2
F4E21D	LSB-BTB4: Switching output A2 Initial current outside permissible range	A34.X1:14		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4E254	LSB-BTB4: Switching output A2 short circuit to supply voltage	A34.X1:14		E	2
F4E272	LSB-BTB4: Switching output A2 outside source feeding	A34.X1:14		E	2
F4E312	LSB-BTB4: Switching output A3 short circuit to ground	A34.X1:15		E	2
F4E31D	LSB-BTB4: Switching output A3 Initial current outside permissible range	A34.X1:15		E	2
F4E354	LSB-BTB4: Switching output A3 short circuit to supply voltage	A34.X1:15		E	2
F4E372	LSB-BTB4: Switching output A3 outside source feeding	A34.X1:15		E	2
F4E412	LSB-BTB4: Switching output A4 short circuit to ground	A34.X1:16		E	2
F4E41D	LSB-BTB4: Switching output A4 Initial current outside permissible range	A34.X1:16		E	2
F4E454	LSB-BTB4: Switching output A4 short circuit to supply voltage	A34.X1:16		E	2
F4E472	LSB-BTB4: Switching output A4 outside source feeding	A34.X1:16		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4E512	LSB-BTB4: Switching output A5 short circuit to ground	A34.X1:17		E	2
F4E51D	LSB-BTB4: Switching output A5 Initial current outside permissible range	A34.X1:17		E	2
F4E554	LSB-BTB4: Switching output A5 short circuit to supply voltage	A34.X1:17		E	2
F4E572	LSB-BTB4: Switching output A5 outside source feeding	A34.X1:17		E	2
F4E612	LSB-BTB4: Switching output A6 short circuit to ground	A34.X1:18		E	2
F4E61D	LSB-BTB4: Switching output A6 Initial current outside permissible range	A34.X1:18		E	2
F4E654	LSB-BTB4: Switching output A6 short circuit to supply voltage	A34.X1:18		E	2
F4E672	LSB-BTB4: Switching output A6 outside source feeding	A34.X1:18		E	2
F4E712	LSB-BTB4: Switching output A7 short circuit to ground	A34.X1:19		E	2
F4E71D	LSB-BTB4: Switching output A7 Initial current outside permissible range	A34.X1:19		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4E754	LSB-BTB4: Switching output A7 short circuit to supply voltage	A34.X1:19		E	2
F4E772	LSB-BTB4: Switching output A7 outside source feeding	A34.X1:19		E	2
F4E812	LSB-BTB4: Switching output A8 short circuit to ground	A34.X2:12		E	2
F4E81D	LSB-BTB4: Switching output A8 Initial current outside permissible range	A34.X2:12		E	2
F4E854	LSB-BTB4: Switching output A8 short circuit to supply voltage	A34.X2:12		E	2
F4E872	LSB-BTB4: Switching output A8 outside source feeding	A34.X2:12		E	2
F4E912	LSB-BTB4: Switching output A9 short circuit to ground	A34.X2:13		E	2
F4E91D	LSB-BTB4: Switching output A9 Initial current outside permissible range	A34.X2:13		E	2
F4E954	LSB-BTB4: Switching output A9 short circuit to supply voltage	A34.X2:13		E	2
F4E972	LSB-BTB4: Switching output A9 outside source feeding	A34.X2:13		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4EA12	LSB-BTB4: Switching output A10 short circuit to ground	A34.X2:14		E	2
F4EA1D	LSB-BTB4: Switching output A10 Initial current outside permissible range	A34.X2:14		E	2
F4EA54	LSB-BTB4: Switching output A10 short circuit to supply voltage	A34.X2:14		E	2
F4EA72	LSB-BTB4: Switching output A10 outside source feeding	A34.X2:14		E	2
F4EB12	LSB-BTB4: Switching output A11 short circuit to ground	A34.X2:15		E	2
F4EB1D	LSB-BTB4: Switching output A11 Initial current outside permissible range	A34.X2:15		E	2
F4EB54	LSB-BTB4: Switching output A11 short circuit to supply voltage	A34.X2:15		E	2
F4EB72	LSB-BTB4: Switching output A11 outside source feeding	A34.X2:15		E	2
F4EC12	LSB-BTB4: Switching output A12 short circuit to ground	A34.X2:16		E	2
F4EC1D	LSB-BTB4: Switching output A12 Initial current outside permissible range	A34.X2:16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4EC54	LSB-BTB4: Switching output A12 short circuit to supply voltage	A34.X2:16		E	2
F4EC72	LSB-BTB4: Switching output A12 outside source feeding	A34.X2:16		E	2
F4ED12	LSB-BTB4: Switching output A13 short circuit to ground	A34.X2:17		E	2
F4ED1D	LSB-BTB4: Switching output A13 Initial current outside permissible range	A34.X2:17		E	2
F4ED54	LSB-BTB4: Switching output A13 short circuit to supply voltage	A34.X2:17		E	2
F4ED72	LSB-BTB4: Switching output A13 outside source feeding	A34.X2:17		E	2
F4EE12	LSB-BTB4: Switching output A14 short circuit to ground	A34.X2:18		E	2
F4EE1D	LSB-BTB4: Switching output A14 Initial current outside permissible range	A34.X2:18		E	2
F4EE54	LSB-BTB4: Switching output A14 short circuit to supply voltage	A34.X2:18		E	2
F4EE72	LSB-BTB4: Switching output A14 outside source feeding	A34.X2:18		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4EF12	LSB-BTB4: Switching output A15 short circuit to ground	A34.X2:19		E	2
F4EF1D	LSB-BTB4: Switching output A15 Initial current outside permissible range	A34.X2:19		E	2
F4EF54	LSB-BTB4: Switching output A15 short circuit to supply voltage	A34.X2:19		E	2
F4EF72	LSB-BTB4: Switching output A15 outside source feeding	A34.X2:19		E	2
F4F002	LSB-BTB4: System error OS-CPU0 initialising error test total in EPROM/FLASH erroneous	A34		E	1
F4F013	LSB-BTB4: System error OS-CPU0 Test sum in FLASH erroneous	A34		E	1
F4F016	LSB-BTB4: System error OS-CPU0 system-, driver-watchdog expired	A34		E	1
F4F050	LSB-BTB4: System error OS-CPU0 file not available error report Reload application software	A34		E	2
F4F068	LSB-BTB4: System error OS-CPU0 impermissible interrupt	A34		E	1
F4F070	LSB-BTB4: System error OS-CPU0 various structure versions	A34		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4F073	LSB-BTB4: System error OS-CPU0 interpreter error  At P0=00000013 carry out download	A34		E	1
F4F075	LSB-BTB4: System error OS-CPU0 SPI-error	A34		E	1
F4F078	LSB-BTB4: System error OS-CPU0 impermissible parameter	A34		E	1
F4F07A	LSB-BTB4: System error OS-CPU0 Configuration file missing or faulty	A34		E	2
F4F080	LSB-BTB4: System error OS-CPU0 Fatal internal error	A34		E	1
F4F082	LSB-BTB4: System error OS-CPU0 hardware-watchdog erroneous	A34		E	1
F4F0AC	LSB-BTB4: System error OS-CPU0 Restoration of CW-operandi failed	A34		E	1
F4F0C1	LSB-BTB4: System error OS-CPU0 Incorrect or wrong system version for application error report Reload matching system version	A34		E	1
F4F102	LSB-BTB4: System error OS-CPU1 initialising error test total in EPROM/FLASH erroneous	A34		E	1
F4F113	LSB-BTB4: System error OS-CPU1 Test sum in FLASH erroneous	A34		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4F116	LSB-BTB4: System error OS-CPU1 system-, driver-watchdog expired	A34		E	1
F4F150	LSB-BTB4: System error OS-CPU1 file not available error report Reload application software	A34		E	2
F4F168	LSB-BTB4: System error OS-CPU1 impermissible interrupt	A34		E	1
F4F170	LSB-BTB4: System error OS-CPU1 various structure versions	A34		E	1
F4F173	LSB-BTB4: System error OS-CPU1 interpreter error  At P0=00000013 carry out download	A34		E	1
F4F175	LSB-BTB4: System error OS-CPU1 SPI-error	A34		E	1
F4F178	LSB-BTB4: System error OS-CPU1 impermissible parameter	A34		E	1
F4F17A	LSB-BTB4: System error OS-CPU1 Configuration file missing or faulty	A34		E	2
F4F180	LSB-BTB4: System error OS-CPU1 Fatal internal error	A34		E	1
F4F182	LSB-BTB4: System error OS-CPU1 hardware-watchdog erroneous	A34		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4F1AC	LSB-BTB4: System error OS-CPU1 Restoration of CW-operandi failed	A34		E	1
F4F1C1	LSB-BTB4: System error OS-CPU1 Incorrect or wrong system version for application error report Reload matching system version	A34		E	1
F4F800	LSB-BTB4: Control data transfer CAN EP0 internal error at Register-check Controller CAN-transfer is not started replace control device	A34.X3:7/8/3/3		E	2
F4F801	LSB-BTB4: Control data transfer CAN EP0 internal error at RAM-check Controller CAN-transfer is not started replace control device	A34.X3:7/8/3/3		E	2
F4F802	LSB-BTB4: Control data transfer CAN EP0 Configuration error Software Error message, CAN report is not configured Check software	A34.X3:7/8/3/3		E	1
F4F804	LSB-BTB4: Control data transfer CAN EP0 Configuration error time synchronization Time synchronization already active or is not configured Check software	A34.X3:7/8/3/3		E	1
F4F805	LSB-BTB4: Control data transfer CAN EP0 Configuration error IOX-gateway AEW-Gateway already active or is not configured Check software	A34.X3:7/8/3/3		E	1
F4F806	LSB-BTB4: Control data transfer CAN EP0 fatal run time error at RAM-check Controller Error message, CAN-driver is stopped replace control device	A34.X3:7/8/3/3		E	2
F4F811	LSB-BTB4: Control data transfer CAN EP0 permanent error bus connection timeout for CAN-reports, parametric default values are used CAN-Bus lines, end resistors (2x120 Ohm parallel = 60 Ohm), check control units on bus	A34.X3:7/8/3/3		E	2
F4F900	LSB-BTB4: Control data transfer CAN EP1 internal error at Register-check Controller CAN-transfer is not started replace control device	A34.X4:1/2/14/1 3		E	2



Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4F901	LSB-BTB4: Control data transfer CAN EP1 internal error at RAM-check Controller CAN-transfer is not started replace control device	A34.X4:1/2/14/1 3		E	2
F4F902	LSB-BTB4: Control data transfer CAN EP1 Configuration error Software Error message, CAN report is not configured Check software	A34.X4:1/2/14/1 3		E	1
F4F904	LSB-BTB4: Control data transfer CAN EP1 Configuration error time synchronization Time synchronization already active or is not configured Check software	A34.X4:1/2/14/1 3		E	1
F4F905	LSB-BTB4: Control data transfer CAN EP1 Configuration error IOX-gateway AEW-Gateway already active or is not configured Check software	A34.X4:1/2/14/1 3		E	1
F4F906	LSB-BTB4: Control data transfer CAN EP1 fatal run time error at RAM-check Controller Error message, CAN-driver is stopped replace control device	A34.X4:1/2/14/1 3		E	2
F4F911	LSB-BTB4: Control data transfer CAN EP1 permanent error bus connection timeout for CAN-reports, parametric default values are used CAN-Bus lines, end resistors (2x120 Ohm parallel = 60 Ohm), check control units on bus	A34.X4:1/2/14/1 3		E	2
F4FA00	LSB-BTB4: Control data transfer CAN-A internal error at Register-check Controller CAN-transfer is not started replace control device	A34.X3:7/8		E	1
F4FA01	LSB-BTB4: Control data transfer CAN-A internal error at RAM-check Controller CAN-transfer is not started replace control device	A34.X3:7/8		E	1
F4FA02	LSB-BTB4: Control data transfer CAN-A Configuration error Software Error message, CAN report is not configured Check software	A34.X3:7/8		E	1
F4FA04	LSB-BTB4: Control data transfer CAN-A Configuration error time synchronization Time synchronization already active or is not configured Check software	A34.X3:7/8		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4FA05	LSB-BTB4: Control data transfer CAN-A Configuration error IOX-gateway AEW-Gateway already active or is not configured Check software	A34.X3:7/8		E	1
F4FA06	LSB-BTB4: Control data transfer CAN-A fatal run time error at RAM-check Controller Error message, CAN-driver is stopped replace control device	A34.X3:7/8		E	2
F4FA11	LSB-BTB4: Control data transfer CAN-A permanent error bus connection timeout for CAN-reports, parametric default values are used CAN-Bus lines, end resistors (2x120 Ohm parallel = 60 Ohm), check control units on bus	A34.X3:7/8		E	1
F4FA5F	LSB-BTB4: Control data transfer CAN-A Malfunction, all participants missing	A34.X3:7/8		E	1
F4FB00	LSB-BTB4: Control data transfer CAN-B internal error at Register-check Controller CAN-transfer is not started replace control device	A34.X3:3/4		E	1
F4FB01	LSB-BTB4: Control data transfer CAN-B internal error at RAM-check Controller CAN-transfer is not started replace control device	A34.X3:3/4		E	1
F4FB02	LSB-BTB4: Control data transfer CAN-B Configuration error Software Error message, CAN report is not configured Check software	A34.X3:3/4		E	1
F4FB04	LSB-BTB4: Control data transfer CAN-B Configuration error time synchronization Time synchronization already active or is not configured Check software	A34.X3:3/4		E	1
F4FB05	LSB-BTB4: Control data transfer CAN-B Configuration error IOX-gateway AEW-Gateway already active or is not configured Check software	A34.X3:3/4		E	1
F4FB06	LSB-BTB4: Control data transfer CAN-B fatal run time error at RAM-check Controller Error message, CAN-driver is stopped replace control device	A34.X3:3/4		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4FB11	LSB-BTB4: Control data transfer CAN-B permanent error bus connection timeout for CAN-reports, parametric default values are used CAN-Bus lines, end resistors (2x120 Ohm parallel = 60 Ohm), check control units on bus	A34.X3:3/4		E	1
F4FB5F	LSB-BTB4: Control data transfer CAN-B Malfunction, all participants missing	A34.X3:3/4		E	1
F4FC00	LSB-BTB4: Control data transfer CAN-C internal error at Register-check Controller CAN-transfer is not started replace control device	A34.X4:1/2		E	1
F4FC01	LSB-BTB4: Control data transfer CAN-C internal error at RAM-check Controller CAN-transfer is not started replace control device	A34.X4:1/2		E	1
F4FC02	LSB-BTB4: Control data transfer CAN-C Configuration error Software Error message, CAN report is not configured Check software	A34.X4:1/2		E	1
F4FC04	LSB-BTB4: Control data transfer CAN-C Configuration error time synchronization Time synchronization already active or is not configured Check software	A34.X4:1/2		E	1
F4FC05	LSB-BTB4: Control data transfer CAN-C Configuration error IOX-gateway AEW-Gateway already active or is not configured Check software	A34.X4:1/2		E	1
F4FC06	LSB-BTB4: Control data transfer CAN-C fatal run time error at RAM-check Controller Error message, CAN-driver is stopped replace control device	A34.X4:1/2		E	2
F4FC11	LSB-BTB4: Control data transfer CAN-C permanent error bus connection timeout for CAN-reports, parametric default values are used CAN-Bus lines, end resistors (2x120 Ohm parallel = 60 Ohm), check control units on bus	A34.X4:1/2		E	1
F4FC5F	LSB-BTB4: Control data transfer CAN-C Malfunction, all participants missing	A34.X4:1/2		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4FD00	LSB-BTB4: Control data transfer CAN-D internal error at Register-check Controller CAN-transfer is not started replace control device	A34.X4:14/13		E	1
F4FD01	LSB-BTB4: Control data transfer CAN-D internal error at RAM-check Controller CAN-transfer is not started replace control device	A34.X4:14/13		E	1
F4FD02	LSB-BTB4: Control data transfer CAN-D Configuration error Software Error message, CAN report is not configured Check software	A34.X4:14/13		E	1
F4FD04	LSB-BTB4: Control data transfer CAN-D Configuration error time synchronization Time synchronization already active or is not configured Check software	A34.X4:14/13		E	1
F4FD05	LSB-BTB4: Control data transfer CAN-D Configuration error IOX-gateway AEW-Gateway already active or is not configured Check software	A34.X4:14/13		E	1
F4FD06	LSB-BTB4: Control data transfer CAN-D fatal run time error at RAM-check Controller Error message, CAN-driver is stopped replace control device	A34.X4:14/13		E	2
F4FD11	LSB-BTB4: Control data transfer CAN-D permanent error bus connection timeout for CAN-reports, parametric default values are used CAN-Bus lines, end resistors (2x120 Ohm parallel = 60 Ohm), check control units on bus	A34.X4:14/13		E	1
F4FD5F	LSB-BTB4: Control data transfer CAN-D Malfunction, all participants missing	A34.X4:14/13		E	1
FE0000	Unknown Device: System error or unknown path Configuration file missing or faulty			E	2
FE0171	Unknown Device: System error or unknown path Structure file missing or faulty error indication on display Inform Service of all error parameters and replace module			E	2

