
LICCON Error Code Manual

LR-11350

098370

12.11.2019

**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**

LICCON ERROR CODE (LEC)

Reference	Identification number	Illustration number
Electrics Superstructure	98024148	1365-932.11.00.001-
Electrics Carrier	LR_11250	kein SCHALTPLAN UW
Error list	-3436879	9149-700.01.00.000.020

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	A420			
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
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
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
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
030040	ZE 0: LMB no standard table defined for this crane program stop Install new program memory card with corrected tables	A420		B	3

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
03008C	ZE 0: LMB Wind sensor 4 accessories erroneous/missing	A420		E	
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
030099	ZE 0: LMB 2 supports are heavily loaded, danger of tipping error report only Load supports evenly	A420		B	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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
03011B	ZE 0: LMB STOP, Hoist limit switch 4B erroneous/missing	A420		E	
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
030236	ZE 0: LMB STOP, Pressure test bracket test point 6 boom nose:value<Tolerance<0 t LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	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
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
033104	ZE 0: 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.	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	
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		E	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
033971	ZE 0: crane control BTB4_1 defective/missing Output of error, otherwise no reaction. Check sensor.	A420		E	
033972	ZE 0: crane control TE07 TE-module heater defective/missing Output of error, otherwise no reaction. Check sensor.	A420		E	
033973	ZE 0: crane control BTB4_0 defective/missing Output of error, otherwise no reaction. Check sensor.	A420		E	
033975	ZE 0: crane control BTB6 missing Output of error, otherwise no reaction. Check sensor.	A420		E	
033976	ZE 0: crane control BTB6 reports error Output of error, otherwise no reaction. Check sensor, read out any other errors.	A420		E	
033E41	ZE 0: Switch cabinet LMB-bypass-emerg. or cont. actuation or Short circuit after Ubatt Output of error	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	
03614A	ZE 0: Operation ballasting / counterweight carriage Max. pressure "Ring surface control cyl." reached - warning ! Issue of errors, additional LMB-bell, no shut offs only warning Relieve of control cyl. on ring surface for ex. travel forward stop, if possible extend control cyl.	A420		B	
03614B	ZE 0: Operation ballasting / counterweight carriage Max. pressure "Piston surface control cyl." reached - warning ! Issue of errors, additional LMB-bell, no shut offs only warning Relieve of control cyl. on piston surface for ex. travel reverse stop, if possible retract control cyl.	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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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 "lift" assembly winch key and check key and its wiring for proper 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 "lower" assembly winch key and check key and its wiring for proper function.	A420		B	
037023	ZE 0: operation instruments crane operators cab Shut-off keys/inputs assembly winch not plausible Output of error, crane function is not selected. Release "lift" or "lower" assembly winch key and check keys and their wiring for proper 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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	
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 defected. 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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
100081	ZE 1: system error OS-HC11 (observe parameters) stack overflow entry in error memory, all crane movements will be stopped	A421		E	2
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
110070	ZE 1: output 0 measuring system defect no crane operation possible entry in error list	A421.X1:16		E	1
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
110258	ZE 1: output 2 positive switching transistor: disruption	A421.X1:18		E	1
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
110314	ZE 1: output 3 short circuit to supply voltage	A421.X1:19		E	1
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
110412	ZE 1: output 4 short circuit to ground	A421.X1:20		E	1
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
110472	ZE 1: output 4 outside source feeding	A421.X1:20		E	1
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
110570	ZE 1: output 5 measuring system defect no crane operation possible entry in error list	A421.X1:21		E	1
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
110758	ZE 1: output 7 positive switching transistor: disruption	A421.X1:23		E	1
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
115159	ZE 1: output group 1 supply voltage missing	A421.X1:24		E	1
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
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
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
130013	ZE 1: LMB Winch 7 not adjusted, cable length calculation erroneous error report only 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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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 F1 max-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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
130046	ZE 1: LMB Derrick ballast length sensor LG1 erroneous/mis. (cable length sensor) Error display, only Derrick ballast length sensor 2 is used, Derrick ballast radius + load calc. poss. invalid Check sensor and supply line, replace faulty sensor	A421		E	2
130047	ZE 1: LMB Derrick ballast length sensor LG2 erroneous/mis. (Winch turn sensor W7) Error display, only Derrick ballast length sensor 1 is used, Derrick ballast radius + load calc. poss. invalid Check sensor and supply line, replace faulty sensor	A421		E	2
130048	ZE 1: LMB Derrick ballast length sensor difference between LG1 + LG2 too large Error display, the min. from 2 length sensors LG1+ LG2 I used, Derrick ballast radius and load calculation Check sensor and supply line, replace faulty sensor	A421		E	2
130049	ZE 1: LMB Derrick ballast length sensor LG1 and LG2: both erroneous/missing Error display, Derrick ballast radius = invalid, for load calculation, hydr. Derrick ballast-Minimum is used 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
130076	ZE 1: LMB Derrick ballast weight hanging on crane is too large error report only Lower Derrick ballast weight with Derrick ballast hoist cyl. a little, or overload DANGER!!	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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
135871	ZE 1: operation slewing Shut-down lim switch "Count. on ground" vo. right faulty/not present 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 present 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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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 presen 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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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 malf. 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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	E	0
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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-241.A2	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	O-444.D2	E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-444.D2	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	O-444.D2	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	O-444.D2	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	O-444.D2	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	O-444.D2	E	2
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	O-444.D2	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	O-444.D2	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	O-444.D2	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	O-444.D2	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	O-444.D2	E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-444.D2	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	O-444.D2	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	O-444.D2	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	O-444.D2	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	O-444.D2	E	2
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	O-444.D2	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	O-444.D2	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	O-444.D2	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	O-444.D2	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	O-444.D2	E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-444.D2	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	O-444.D2	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	O-444.D2	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	O-444.D2	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	O-444.D2	E	0
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	O-444.D2	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	O-444.D2	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	O-444.D2	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	O-444.D3	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	O-444.D3	E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-444.D3	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	O-444.D3	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	O-444.D3	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	O-444.D3	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	O-444.D3	E	2
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	O-444.D3	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	O-444.D3	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	O-444.D3	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	O-444.D3	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	O-444.D3	E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-444.D3	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	O-444.D3	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	O-444.D3	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	O-444.D3	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	O-444.D3	E	2
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	O-444.D3	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	O-444.D3	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	O-444.D3	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	O-444.D3	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	O-444.D3	E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-444.D3	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	O-444.D3	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	O-444.D3	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	O-444.D3	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	O-444.D3	E	2
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	O-444.D3	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	O-444.D3	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	O-444.D3	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	O-444.D3	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	O-444.D3	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-444.D3	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	O-444.D3	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	O-444.D3	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	O-444.D3	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	O-444.D3	E	1
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	O-444.D3	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	O-444.D3	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	O-444.D3	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	O-444.D3	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	O-444.D3	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-444.D3	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	O-444.D3	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	O-444.D3	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	O-444.D3	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	O-444.D3	E	1
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	O-444.D3	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	O-444.D3	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	O-444.D3	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	O-444.D3	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	O-444.D3	E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-444.D3	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	O-444.D3	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	O-444.D3	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	O-444.D3	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	O-444.D3	E	2
1AB062	LSB-BSE1: Control data transfer LSB-D 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	O-444.D3	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	O-243.B7	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	O-243.B7	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	O-243.B7	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	O-243.B7	E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-243.B7	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	O-243.B7	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	O-243.B7	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	O-243.B7	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	O-243.B7	E	1
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	O-243.B7	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	O-243.B7	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	O-243.B7	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	O-243.B7	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	O-243.B7	E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-243.B7	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	O-243.B7	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	O-243.B7	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	O-243.B7	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	O-243.B7	E	1
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	O-243.B7	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	O-243.B7	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	O-243.B7	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	O-243.B7	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	O-243.B7	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-243.B7	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	O-243.B7	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	O-243.B7	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	O-243.B7	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	O-243.B7	E	2
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	O-444.D4	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	O-444.D4	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	O-444.D4	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	O-444.D4	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	O-444.D4	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-444.D4	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	O-444.D4	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	O-444.D4	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	O-444.D4	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	O-444.D4	E	1
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	O-444.D4	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	O-444.D4	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	O-444.D4	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	O-444.D4	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	O-444.D4	E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-444.D4	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	O-444.D4	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	O-444.D4	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	O-444.D4	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	O-444.D4	E	1
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	O-444.D4	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	O-444.D4	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	O-444.D4	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	O-444.D4	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	O-444.D4	E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-444.D4	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	O-444.D4	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	O-444.D4	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	O-444.D4	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	O-444.D5	E	2
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	O-444.D5	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	O-444.D5	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	O-444.D5	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	O-444.D5	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	O-444.D5	E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-444.D5	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	O-444.D5	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	O-444.D5	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	O-444.D5	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	O-444.D5	E	2
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	O-444.D5	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	O-444.D5	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	O-444.D5	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	O-444.D5	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	O-444.D5	E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-444.D5	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	O-444.D5	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	O-444.D5	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	O-444.D5	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	O-444.D5	E	0
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	O-444.D5	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	O-444.D5	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	O-444.D5	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	O-444.D5	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	O-444.D5	E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-444.D5	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	O-444.D5	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	O-444.D5	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	O-444.D5	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	O-444.D5	E	2
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	O-444.D5	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	O-444.D5	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	O-444.D5	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	O-444.D5	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	O-444.D5	E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-444.D5	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	O-444.D5	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	O-444.D5	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	O-444.D5	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	O-444.D5	E	2
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	O-444.D5	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	O-444.D5	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	O-444.D5	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	O-444.D5	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	O-444.D5	E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-444.D5	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	O-444.D5	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	O-444.D5	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	O-444.D5	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	O-444.D5	E	2
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	O-444.D5	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	O-444.D5	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	O-444.D5	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	O-444.D5	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	O-444.D5	E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-444.D5	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	O-444.D5	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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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 'Lnnttt01vvr.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
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
1D0849	LSB-BSE1: Operating hours counter urgent modul, ZE not available error report Report all error parameters to Service	A361		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1D0878	LSB-BSE1: Operating hours counter impermissible parameter Error message, Parameter is possibly set to min or max Software update required, report all error parameter to Service Dept.	A361		E	2
1DD01E	LSB-BSE1: Supply voltage 15.3 / CPU0 Voltage outside permissible range error report Check voltage, electr. connections and fuse	A361.X1:1	O-240.C4	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	O-240.C2	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	O-445.C2	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	O-445.C2	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	O-184.E4	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	O-240.C2	E	2
1DE217	LSB-BSE1: Supply voltage 15.1 / DSP0 voltage below required value error indication on display Check voltage	A361.X4:8	O-240.C5	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	O-445.C3	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	O-445.C5	E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-445.C6	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	O-184.E5	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	O-240.C3	E	2
1DEA17	LSB-BSE1: Supply voltage 15.2 / DSP1 voltage below required value error indication on display Check voltage	A361.X5:8	O-240.C6	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	O-445.C4	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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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 reenterant 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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
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
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
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 malf. 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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	
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		B	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
23517C	ZE 2: operation winch 2 Shut off Radio assembly BTT-E Accessory angle exceeded	A422		B	
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	
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		B	
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
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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 malf. 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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
335247	ZE 3: operation winch 3 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	A423		B	
335248	ZE 3: operation winch 3 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).	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	
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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		B	
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
335347	ZE 3: operation winch 4 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	A423		B	
335348	ZE 3: operation winch 4 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).	A423		B	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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		B	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
336287	ZE 3: Operation crawler Shut-down limit switch "Overtop guard cyl D" right faulty/not prese Operation conditional switch off, may not be shunted Release foot pedal - error remedy see corresponding system error	A423		B	
336288	ZE 3: Operation crawler Shut-down limit switch "Overtop guard cyl D" left faulty/not presen 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 pre 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 presen 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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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	
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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 - KNFttt00vrrr.Q)	A424		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	
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
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		B	
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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 Activcation 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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
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	
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 if error re-occurs, then ZE should be replaced	A425		E	2
500002	ZE 5: system error OS-HC11 (observe parameters) initialising error test total in EPROM/FLASH erroneous no crane operation possible check program memory card or ZE	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 no crane operation possible if error re-occurs, then ZE should be replaced	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 0.0	A425		E	2
500011	ZE 5: system error OS-HC11 (observe parameters) ZE-watchdog expired entry in error memory, all crane movements will be stopped check ZE	A425		E	2
500012	ZE 5: system error OS-HC11 (observe parameters) type-identification in EPROM erroneous entry in error memory, no crane operation possible 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 check program memory card	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 0.0	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 if error re-occurs, then ZE should be replaced	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, all crane movements will be stopped 0.0	A425		E	2
500049	ZE 5: system error OS-HC11 (observe parameters) urgent modul, ZE not available entry in error memory, no crane operation possible check ZE	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 0.0	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 check wiring	A425		E	2
500059	ZE 5: system error OS-HC11 (observe parameters) subroutine not reenterant entry in error memory, all crane movements will be stopped 0.0	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 check monitor ZE and connection cable	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 0.0	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, all crane movements will be stopped if error re-occurs, then ZE should be replaced	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, no crane operation possible 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 0.0	A425		E	2
500075	ZE 5: 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	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 check memory card in power supply unit	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 0.0	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 if error re-occurs, then ZE should be replaced	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 check ZE, bus circuit board, power supply unit	A425		E	2
500099	ZE 5: 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	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
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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 malfunc. error will be eliminated by system itself otherwise new Software necessary for error elimination	A425.X2:z14/z16		E	2
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
531F03	ZE 5: Control winch 7 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	A425		E	
531F04	ZE 5: Control winch 7 Winch turn sensor, internal non-tolerable continuous error (P0=08H/40H) Operation conditional switch off, may not be shunted replace sensor through new part	A425		E	
531F05	ZE 5: Control winch 7 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	A425		E	
531F06	ZE 5: Control winch 7 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	A425		E	
531F07	ZE 5: Control winch 7 Winch turn sensor, internal, non-tolerable partial error Operation conditional switch off, may not be shunted replace sensor through new part	A425		E	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
531F08	ZE 5: Control winch 7 Winch turn sensor, tolerable error(P0=01H), sensor not exact Output of error (resolution of sensor is bad) Replace sensor in the meantime	A425		E	
531F09	ZE 5: Control winch 7 Winch turn sensor, tolerable error(P0=02H), replace external EEPROM Output of error Replace sensor in the meantime	A425		E	
531F10	ZE 5: Control winch 7 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	A425		E	
531F11	ZE 5: Control winch 7 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	A425		E	
531F12	ZE 5: Control winch 7 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	A425		E	
531F13	ZE 5: Control winch 7 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	A425		E	
531F14	ZE 5: Control winch 7 Winch turn sensor, tolerable error(P0=40H) Output of error Replace sensor in the meantime	A425		E	
531F15	ZE 5: Control winch 7 tolerable error, maximum theoretical load collective reached Output of error Check winch	A425		E	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
533115	ZE 5: Control ballasting / counterweight carriage at actuated winch for cable run pressure < minimum pressure spool up Issuance of this error message Check hydraulic or check pressure switch and wiring	A425		E	
533116	ZE 5: Control ballasting / counterweight carriage At actuated winch for cable run pressure < minimum pressure brake Issuance of this error message Check hydraulic or check pressure switch and wiring	A425		E	
533117	ZE 5: Control ballasting / counterweight carriage At non-actuation winch for cable run pressure spool up pressure availa Issuance of this error message Check hydraulic or check pressure switch and wiring	A425		E	
533118	ZE 5: Control ballasting / counterweight carriage At non-actuated winch for cable run brake pressure available Issuance of this error message Check hydraulic or check pressure switch and wiring	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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	
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	
536147	ZE 5: Operation ballasting / counterweight carriage Shut off pressure of winch for cable run too low Operation conditional switch off, may not be shunted Release button - for error remedy see corresp. system error	A425		B	
536148	ZE 5: Operation ballasting / counterweight carriage Shut off pressure of brake for winch for cable run too low Operation conditional switch off, may not be shunted Check electric and hydraulic control of cable tow winch. Check pressure switch with wiring	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	
53614C	ZE 5: Operation ballasting / counterweight carriage Shut off Ballast "in" Block pos. in reached Operation conditional switch off, may not be shunted Release button - further retraction not possible	A425		B	
53614D	ZE 5: Operation ballasting / counterweight carriage Shut off Ballast "out" Block pos. out reached Operation conditional switch off, may not be shunted Release button further extension not possible	A425		B	
53614E	ZE 5: Operation ballasting / counterweight carriage Shut off length sensor ballast cyl. left erroneous/missing Operation conditional switch off, may not be shunted Release button - for error remedy see corresp. system error	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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	
536171	ZE 5: Operation ballasting / counterweight carriage Shut-down lim switch "Count. on ground" vo. right faulty/not present 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 present 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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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		B	
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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 malf. 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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
689921	E/A-Modul 6: Control data transfer CAN No active subscriber responding 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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
695040	E/A-Modul 6: operation engine Exhaust aftertreatment (AGN) cleaning proc active - speed increase	A16		B	
695041	E/A-Modul 6: operation engine Exhaust/engine temperatures very high - do not turn engine off!	A16		B	
696953	E/A-Modul 6: operation instruments crane operators cab Engine-Stop UC actuated/sticking/short circuit to supply upon start	A16		B	1
6D0116	Superstructure engin Environmental pressure sensor Plausibility error no reaction Check control unit			E	1
6D0164	Superstructure engin Environmental pressure sensor Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6D028A	Superstructure engin Air filter Combi sensor (humidity) Determination of the specific humidity faulty no reaction No remedy text			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D028B	Superstructure engin Air filter Combi sensor (humidity) Determination of the relative humidity faulty no reaction No remedy text			E	1
6D0307	Superstructure engin Air filter Combi sensor (pressure) Value below warning threshold Engine derating 25% (Mach-FL) Check air filter			E	1
6D0393	Superstructure engin Air filter Combi sensor (pressure) Error during pressure measurement (Trican sensor) Engine reduction 25% (Mach-FL) No remedy text			E	1
6D0416	Superstructure engin Air filter Combi sensor (temperature) Plausibility error no reaction Check components			E	1
6D0494	Superstructure engin Air filter Combi sensor (temperature) Error during pressure measurement (Trican sensor) Engine reduction 25% (Mach-FL) No remedy text			E	1
6D0505	Superstructure engin Air filter Combi sensor Communication error Engine derating 25% (Mach-FL) Check wiring, CAN-participant			E	1
6D0592	Superstructure engin Air filter Combi sensor Internal temperature error Engine reduction 25% (Mach-FL) No remedy text			E	1
6D0603	Superstructure engin Charge air temperature sensor suction pipe short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D0604	Superstructure engin Charge air temperature sensor suction pipe short circuit to ground no reaction Check wiring between control unit and components			E	1
6D0608	Superstructure engin Charge air temperature sensor suction pipe Line interruption no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D0609	Superstructure engin Charge air temperature sensor suction pipe Value above warning threshold no reaction Check operation status of engine			E	1
6D060A	Superstructure engin Charge air temperature sensor suction pipe Value above critical threshold no reaction Check operation status of engine			E	1
6D0616	Superstructure engin Charge air temperature sensor suction pipe Plausibility error no reaction Check components			E	1
6D0664	Superstructure engin Charge air temperature sensor suction pipe Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6D0703	Superstructure engin charge air pressure sensor short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D0707	Superstructure engin charge air pressure sensor Value below warning threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary			E	1
6D0709	Superstructure engin charge air pressure sensor Value above warning threshold Engine derating 25% (Mach-FL) Check operation status of engine			E	1
6D070A	Superstructure engin charge air pressure sensor Value above critical threshold Engine derating 25% (Mach-FL) Check operation status of engine			E	1
6D070B	Superstructure engin charge air pressure sensor Short circuit after ground or line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D070C	Superstructure engin charge air pressure sensor Value below critical threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D0714	Superstructure engin charge air pressure sensor Signal remains below nominal value no reaction Air intake manifold, check wastegate			E	1
6D0715	Superstructure engin charge air pressure sensor Signal remains above nominal value no reaction Air intake manifold, check wastegate			E	1
6D0716	Superstructure engin charge air pressure sensor Plausibility error Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D0764	Superstructure engin charge air pressure sensor Error supply voltage sensors Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D0774	Superstructure engin charge air pressure sensor Lower limit value for regulation reached no reaction Air intake manifold, check wastegate			E	1
6D0775	Superstructure engin charge air pressure sensor Upper limit value for regulation reached no reaction Air intake manifold, check wastegate			E	1
6D0803	Superstructure engin Ambient temperature sensor short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D0804	Superstructure engin Ambient temperature sensor short circuit to ground no reaction Check wiring between control unit and components			E	1
6D0808	Superstructure engin Ambient temperature sensor Line interruption no reaction Check wiring between control unit and components			E	1
6D0816	Superstructure engin Ambient temperature sensor Plausibility error no reaction Check components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D0864	Superstructure engin Ambient temperature sensor Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6D0903	Superstructure engin coolant temperature sensor short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D0904	Superstructure engin coolant temperature sensor short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D0908	Superstructure engin coolant temperature sensor Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D0909	Superstructure engin coolant temperature sensor Value above warning threshold no reaction Check operation status of engine			E	1
6D090A	Superstructure engin coolant temperature sensor Value above critical threshold no reaction Check operation status of engine			E	1
6D0916	Superstructure engin coolant temperature sensor Plausibility error no reaction Check components			E	1
6D0964	Superstructure engin coolant temperature sensor Error supply voltage sensors Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D0A03	Superstructure engin Coolant level sensor short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D0A07	Superstructure engin Coolant level sensor Value below warning threshold no reaction Check coolant level			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D0A0B	Superstructure engin Coolant level sensor Short circuit after ground or line interruption no reaction Check wiring between control unit and components			E	1
6D0A21	Superstructure engin Coolant level sensor Voltage outside permissible range no reaction Check wiring between control unit and components			E	1
6D0A64	Superstructure engin Coolant level sensor Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6D0B04	Superstructure engin Rail pressure sensor short circuit to ground Engine derating 50% (Mach-FL) Check wiring between control unit and components			E	1
6D0B09	Superstructure engin Rail pressure sensor Value above warning threshold no reaction Check operation status of engine			E	1
6D0B0A	Superstructure engin Rail pressure sensor Value above critical threshold Engine derating 50% (Mach-FL) Check operation status of engine			E	1
6D0B0D	Superstructure engin Rail pressure sensor Short circuit after supply voltage or line interruption Engine derating 50% (Mach-FL) Check wiring between control unit and components			E	1
6D0B0E	Superstructure engin Rail pressure sensor Signal increases too fast no reaction Check wiring between control unit and components			E	1
6D0B0F	Superstructure engin Rail pressure sensor Signal decreases too fast no reaction Check wiring between control unit and components			E	1
6D0B10	Superstructure engin Rail pressure sensor Start pressure too low no reaction Check fuel circuit, rail sensors, pressure relief valve 1, high pressure pump, wiring			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D0B11	Superstructure engin Rail pressure sensor Signal noise too high no reaction Check fuel circuit, rail sensors, pressure relief valve 1, high pressure pump, wiring			E	1
6D0B12	Superstructure engin Rail pressure sensor No signal dynamics Engine derating 50% (Mach-FL) Check wiring between control unit and components			E	1
6D0B13	Superstructure engin Rail pressure sensor Leakage no reaction Check fuel circuit, rail sensors, pressure relief valve 1, high pressure pump, wiring			E	1
6D0B14	Superstructure engin 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			E	1
6D0B15	Superstructure engin 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			E	1
6D0B16	Superstructure engin Rail pressure sensor Plausibility error no reaction No remedy text			E	1
6D0B21	Superstructure engin Rail pressure sensor Voltage outside permissible range no reaction No remedy text			E	1
6D0B64	Superstructure engin Rail pressure sensor Error supply voltage sensors Engine derating 50% (Mach-FL) Check wiring between control unit and components			E	1
6D0C14	Superstructure engin Fuel supply valve (VCV) flow regulation Signal remains below nominal value no reaction Check wiring, components, control unit			E	1
6D0C15	Superstructure engin Fuel supply valve (VCV) flow regulation Signal remains above nominal value no reaction Check wiring, components, control unit			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D0C16	Superstructure engin 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			E	1
6D0D03	Superstructure engin Fuel pressure sensor (low pressure system) short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D0D07	Superstructure engin Fuel pressure sensor (low pressure system) Value below warning threshold no reaction Check operation status of engine			E	1
6D0D09	Superstructure engin Fuel pressure sensor (low pressure system) Value above warning threshold no reaction Check operation status of engine			E	1
6D0D0A	Superstructure engin Fuel pressure sensor (low pressure system) Value above critical threshold no reaction Check operation status of engine			E	1
6D0D0B	Superstructure engin Fuel pressure sensor (low pressure system) Short circuit after ground or line interruption no reaction Check wiring between control unit and components			E	1
6D0D0C	Superstructure engin Fuel pressure sensor (low pressure system) Value below critical threshold no reaction Check operation status of engine			E	1
6D0D64	Superstructure engin Fuel pressure sensor (low pressure system) Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6D0E03	Superstructure engin Fuel temperature sensor short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D0E04	Superstructure engin Fuel temperature sensor short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D0E08	Superstructure engin Fuel temperature sensor Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D0E09	Superstructure engin Fuel temperature sensor Value above warning threshold no reaction Check operation status of engine			E	1
6D0E0A	Superstructure engin Fuel temperature sensor Value above critical threshold Engine derating 25% (Mach-FL) Check operation status of engine			E	1
6D0E16	Superstructure engin Fuel temperature sensor Plausibility error no reaction Check components			E	1
6D0E64	Superstructure engin Fuel temperature sensor Error supply voltage sensors Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D0F03	Superstructure engin Oil level sensor short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D0F07	Superstructure engin Oil level sensor Value below warning threshold no reaction Check oil level, oil level sensor, engine must be at incline 0degrees			E	1
6D0F09	Superstructure engin Oil level sensor Value above warning threshold no reaction Check operation status of engine			E	1
6D0F0B	Superstructure engin Oil level sensor Short circuit after ground or line interruption no reaction Check wiring between control unit and components			E	1
6D0F0C	Superstructure engin Oil level sensor Value below critical threshold no reaction Check oil level, oil level sensor, engine must be at incline 0degrees			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D0F64	Superstructure engin Oil level sensor Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6D1003	Superstructure engin oil pressure sensor short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D1007	Superstructure engin oil pressure sensor Value below warning threshold no reaction Check operation status of engine			E	1
6D100B	Superstructure engin oil pressure sensor Short circuit after ground or line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D100C	Superstructure engin oil pressure sensor Value below critical threshold Engine derating 25% (Mach-FL) Check operation status of engine			E	1
6D1016	Superstructure engin oil pressure sensor Plausibility error Engine derating 25% (Mach-FL) Check operation status of engine			E	1
6D1064	Superstructure engin oil pressure sensor Error supply voltage sensors Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D1103	Superstructure engin oil temperature sensor short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D1104	Superstructure engin oil temperature sensor short circuit to ground no reaction Check wiring between control unit and components			E	1
6D1108	Superstructure engin oil temperature sensor Line interruption no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D1109	Superstructure engin oil temperature sensor Value above warning threshold no reaction Check operation status of engine			E	1
6D110A	Superstructure engin oil temperature sensor Value above critical threshold Engine derating 25% (Mach-FL) Check operation status of engine			E	1
6D110B	Superstructure engin oil temperature sensor Short circuit after ground or line interruption no reaction Check wiring between control unit and components			E	1
6D1116	Superstructure engin oil temperature sensor Plausibility error no reaction No remedy text			E	1
6D1164	Superstructure engin oil temperature sensor Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6D1203	Superstructure engin Water level probe fuel filter short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D1204	Superstructure engin Water level probe fuel filter short circuit to ground no reaction Check wiring between control unit and components			E	1
6D1208	Superstructure engin Water level probe fuel filter Line interruption no reaction Check wiring between control unit and components			E	1
6D120A	Superstructure engin Water level probe fuel filter Value above critical threshold Engine derating 25% (Mach-FL) Check operation status of engine			E	1
6D1221	Superstructure engin Water level probe fuel filter Voltage outside permissible range no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D1264	Superstructure engin Water level probe fuel filter Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6D1303	Superstructure engin Rpm sensor camshaft short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D1304	Superstructure engin Rpm sensor camshaft short circuit to ground no reaction Check wiring between control unit and components			E	1
6D1308	Superstructure engin Rpm sensor camshaft Line interruption no reaction Check wiring between control unit and components			E	1
6D1316	Superstructure engin Rpm sensor camshaft Plausibility error no reaction Check rpm sensors			E	1
6D1364	Superstructure engin Rpm sensor camshaft Error supply voltage sensors Engine reduction 50% (Mach-FL) No remedy text			E	1
6D1385	Superstructure engin Rpm sensor camshaft Error in the ground supply Engine reduction 50% (Mach-FL) Check wiring between control unit and component - B713			E	1
6D1403	Superstructure engin Rpm sensor crankshaft short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D1404	Superstructure engin Rpm sensor crankshaft short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D1408	Superstructure engin Rpm sensor crankshaft Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D1416	Superstructure engin Rpm sensor crankshaft Plausibility error Engine derating 25% (Mach-FL) Check rpm sensors			E	1
6D1464	Superstructure engin Rpm sensor crankshaft Error supply voltage sensors Engine reduction 50% (Mach-FL) No remedy text			E	1
6D1485	Superstructure engin Rpm sensor crankshaft Error in the ground supply Engine reduction 50% (Mach-FL) Check wiring between control unit and component - B711			E	1
6D1509	Superstructure engin Engine speed Value above warning threshold no reaction Check operation status of engine			E	1
6D150A	Superstructure engin Engine speed Value above critical threshold no reaction Check operation status of engine			E	1
6D1598	Superstructure engin Engine speed No rpm detected with actuated starter no reaction Check wiring, starter			E	1
6D1603	Superstructure engin Status Heat flange 1 short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D1604	Superstructure engin Status Heat flange 1 short circuit to ground no reaction Check wiring between control unit and components			E	1
6D1608	Superstructure engin Status Heat flange 1 Line interruption no reaction Check wiring between control unit and components			E	1
6D166D	Superstructure engin Status Heat flange 1 Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D166E	Superstructure engin Status Heat flange 1 Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components			E	1
6D166F	Superstructure engin Status Heat flange 1 Short circuit after ground Plus switch no reaction Check wiring between control unit and components			E	1
6D1670	Superstructure engin Status Heat flange 1 Short circuit after ground, ground switch no reaction Check wiring between control unit and components			E	1
6D1703	Superstructure engin Heat flange 1 short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D1704	Superstructure engin Heat flange 1 short circuit to ground no reaction Check wiring between control unit and components			E	1
6D1708	Superstructure engin Heat flange 1 Line interruption no reaction Check wiring between control unit and components			E	1
6D176C	Superstructure engin Heat flange 1 Reg. deviation current value no reaction Report all error parameters to Service			E	1
6D176D	Superstructure engin Heat flange 1 Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components			E	1
6D176E	Superstructure engin Heat flange 1 Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components			E	1
6D176F	Superstructure engin Heat flange 1 Short circuit after ground Plus switch no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D1770	Superstructure engin Heat flange 1 Short circuit after ground, ground switch no reaction Check wiring between control unit and components			E	1
6D1782	Superstructure engin Heat flange 1 Output current too high no reaction Check wiring between control unit and component - E703			E	1
6D1803	Superstructure engin Status Heat flange 2 short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D1804	Superstructure engin Status Heat flange 2 short circuit to ground no reaction Check wiring between control unit and components			E	1
6D1808	Superstructure engin Status Heat flange 2 Line interruption no reaction Check wiring between control unit and components			E	1
6D186D	Superstructure engin Status Heat flange 2 Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components			E	1
6D186E	Superstructure engin Status Heat flange 2 Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components			E	1
6D186F	Superstructure engin Status Heat flange 2 Short circuit after ground Plus switch no reaction Check wiring between control unit and components			E	1
6D1870	Superstructure engin Status Heat flange 2 Short circuit after ground, ground switch no reaction Check wiring between control unit and components			E	1
6D1903	Superstructure engin Heat flange 2 short circuit to supply voltage no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D1904	Superstructure engin Heat flange 2 short circuit to ground no reaction Check wiring between control unit and components			E	1
6D1908	Superstructure engin Heat flange 2 Line interruption no reaction Check wiring between control unit and components			E	1
6D196C	Superstructure engin Heat flange 2 Reg. deviation current value no reaction Report all error parameters to Service			E	1
6D196D	Superstructure engin Heat flange 2 Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components			E	1
6D196E	Superstructure engin Heat flange 2 Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components			E	1
6D196F	Superstructure engin Heat flange 2 Short circuit after ground Plus switch no reaction Check wiring between control unit and components			E	1
6D1970	Superstructure engin Heat flange 2 Short circuit after ground, ground switch no reaction Check wiring between control unit and components			E	1
6D1982	Superstructure engin Heat flange 2 Output current too high no reaction Check wiring between control unit and component - E704			E	1
6D1A03	Superstructure engin Urea (AdBlue) Tank heater valve short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D1A04	Superstructure engin Urea (AdBlue) Tank heater valve short circuit to ground no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D1A08	Superstructure engin Urea (AdBlue) Tank heater valve Line interruption no reaction Check wiring between control unit and components			E	1
6D1A49	Superstructure engin Urea (AdBlue) Tank heater valve Error blocked open no reaction Check components			E	1
6D1A4A	Superstructure engin Urea (AdBlue) Tank heater valve Error blocked closed no reaction Check components			E	1
6D1A6C	Superstructure engin Urea (AdBlue) Tank heater valve Reg. deviation current value no reaction Report all error parameters to Service			E	1
6D1A6D	Superstructure engin Urea (AdBlue) Tank heater valve Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components			E	1
6D1A6E	Superstructure engin Urea (AdBlue) Tank heater valve Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components			E	1
6D1A6F	Superstructure engin Urea (AdBlue) Tank heater valve Short circuit after ground Plus switch no reaction Check wiring between control unit and components			E	1
6D1A70	Superstructure engin Urea (AdBlue) Tank heater valve Short circuit after ground, ground switch no reaction Check wiring between control unit and components			E	1
6D1A82	Superstructure engin Urea (AdBlue) Tank heater valve Output current too high no reaction Check wiring between control unit and component - Y770			E	1
6D1B03	Superstructure engin Urea (AdBlue) Pump heater valve short circuit to supply voltage no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D1B04	Superstructure engin Urea (AdBlue) Pump heater valve short circuit to ground no reaction Check wiring between control unit and components			E	1
6D1B08	Superstructure engin Urea (AdBlue) Pump heater valve Line interruption no reaction Check wiring between control unit and components			E	1
6D1B49	Superstructure engin Urea (AdBlue) Pump heater valve Error blocked open no reaction Check components			E	1
6D1B4A	Superstructure engin Urea (AdBlue) Pump heater valve Error blocked closed no reaction Check components			E	1
6D1B6C	Superstructure engin Urea (AdBlue) Pump heater valve Reg. deviation current value no reaction Report all error parameters to Service			E	1
6D1B6D	Superstructure engin Urea (AdBlue) Pump heater valve Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components			E	1
6D1B6E	Superstructure engin Urea (AdBlue) Pump heater valve Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components			E	1
6D1B6F	Superstructure engin Urea (AdBlue) Pump heater valve Short circuit after ground Plus switch no reaction Check wiring between control unit and components			E	1
6D1B70	Superstructure engin Urea (AdBlue) Pump heater valve Short circuit after ground, ground switch no reaction Check wiring between control unit and components			E	1
6D1B82	Superstructure engin Urea (AdBlue) Pump heater valve Output current too high no reaction Check wiring between control unit and component - Y770			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D1C03	Superstructure engin Urea (AdBlue) Hose heater 1 short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D1C04	Superstructure engin Urea (AdBlue) Hose heater 1 short circuit to ground no reaction Check wiring between control unit and components			E	1
6D1C08	Superstructure engin Urea (AdBlue) Hose heater 1 Line interruption no reaction Check wiring between control unit and components			E	1
6D1C6C	Superstructure engin Urea (AdBlue) Hose heater 1 Reg. deviation current value no reaction Report all error parameters to Service			E	1
6D1C6D	Superstructure engin Urea (AdBlue) Hose heater 1 Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components			E	1
6D1C6E	Superstructure engin Urea (AdBlue) Hose heater 1 Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components			E	1
6D1C6F	Superstructure engin Urea (AdBlue) Hose heater 1 Short circuit after ground Plus switch no reaction Check wiring between control unit and components			E	1
6D1C70	Superstructure engin Urea (AdBlue) Hose heater 1 Short circuit after ground, ground switch no reaction Check wiring between control unit and components			E	1
6D1C82	Superstructure engin Urea (AdBlue) Hose heater 1 Output current too high no reaction Check wiring between control unit and component - E770			E	1
6D1D03	Superstructure engin Urea (AdBlue) Hose heater 2 short circuit to supply voltage no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D1D04	Superstructure engin Urea (AdBlue) Hose heater 2 short circuit to ground no reaction Check wiring between control unit and components			E	1
6D1D08	Superstructure engin Urea (AdBlue) Hose heater 2 Line interruption no reaction Check wiring between control unit and components			E	1
6D1D6C	Superstructure engin Urea (AdBlue) Hose heater 2 Reg. deviation current value no reaction Report all error parameters to Service			E	1
6D1D6D	Superstructure engin Urea (AdBlue) Hose heater 2 Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components			E	1
6D1D6E	Superstructure engin Urea (AdBlue) Hose heater 2 Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components			E	1
6D1D6F	Superstructure engin Urea (AdBlue) Hose heater 2 Short circuit after ground Plus switch no reaction Check wiring between control unit and components			E	1
6D1D70	Superstructure engin Urea (AdBlue) Hose heater 2 Short circuit after ground, ground switch no reaction Check wiring between control unit and components			E	1
6D1D82	Superstructure engin Urea (AdBlue) Hose heater 2 Output current too high no reaction Check wiring between control unit and component - E771			E	1
6D1E03	Superstructure engin SCR Urea (AdBlue) pressure sensor short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D1E0B	Superstructure engin SCR Urea (AdBlue) pressure sensor Short circuit after ground or line interruption no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D1E14	Superstructure engin SCR Urea (AdBlue) pressure sensor Signal remains below nominal value no reaction Check SCR-System			E	1
6D1E16	Superstructure engin SCR Urea (AdBlue) pressure sensor Plausibility error no reaction Check components			E	1
6D1E26	Superstructure engin SCR Urea (AdBlue) pressure sensor Urea (AdBlue) line filling failed Inducement system activation (Mach-FL) Check SCR-System			E	1
6D1E2B	Superstructure engin 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			E	1
6D1E64	Superstructure engin SCR Urea (AdBlue) pressure sensor Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6D1E75	Superstructure engin SCR Urea (AdBlue) pressure sensor Upper limit value for regulation reached no reaction Check SCR System			E	1
6D1F03	Superstructure engin SCR Urea (AdBlue) temperature sensor short circuit to supply voltage Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D1F04	Superstructure engin SCR Urea (AdBlue) temperature sensor short circuit to ground Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D1F08	Superstructure engin SCR Urea (AdBlue) temperature sensor Line interruption Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D1F09	Superstructure engin SCR Urea (AdBlue) temperature sensor Value above warning threshold no reaction Check operation status of engine			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D1F0A	Superstructure engin SCR Urea (AdBlue) temperature sensor Value above critical threshold no reaction Check operation status of engine			E	1
6D1F16	Superstructure engin SCR Urea (AdBlue) temperature sensor Plausibility error no reaction Check components			E	1
6D1F64	Superstructure engin SCR Urea (AdBlue) temperature sensor Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6D2003	Superstructure engin SCR Urea (AdBlue) pump short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D2004	Superstructure engin SCR Urea (AdBlue) pump short circuit to ground no reaction Check wiring between control unit and components			E	1
6D2008	Superstructure engin SCR Urea (AdBlue) pump Line interruption no reaction Check wiring between control unit and components			E	1
6D2017	Superstructure engin SCR Urea (AdBlue) pump Short circuit of load no reaction Check wiring between control unit and components			E	1
6D206C	Superstructure engin SCR Urea (AdBlue) pump Reg. deviation current value no reaction Report all error parameters to Service			E	1
6D206D	Superstructure engin SCR Urea (AdBlue) pump Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components			E	1
6D206E	Superstructure engin SCR Urea (AdBlue) pump Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D206F	Superstructure engin SCR Urea (AdBlue) pump Short circuit after ground Plus switch no reaction Check wiring between control unit and components			E	1
6D2070	Superstructure engin SCR Urea (AdBlue) pump Short circuit after ground, ground switch no reaction Check wiring between control unit and components			E	1
6D2082	Superstructure engin SCR Urea (AdBlue) pump Output current too high Engine reduction (Mach-FL) Check wiring between control unit and component - A776.X1			E	1
6D2103	Superstructure engin SCR vent valve short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D2104	Superstructure engin SCR vent valve short circuit to ground no reaction Check wiring between control unit and components			E	1
6D2108	Superstructure engin SCR vent valve Line interruption no reaction Check wiring between control unit and components			E	1
6D216C	Superstructure engin SCR vent valve Reg. deviation current value no reaction Report all error parameters to Service			E	1
6D216D	Superstructure engin SCR vent valve Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components			E	1
6D216E	Superstructure engin SCR vent valve Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components			E	1
6D216F	Superstructure engin SCR vent valve Short circuit after ground Plus switch no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D2170	Superstructure engin SCR vent valve Short circuit after ground, ground switch no reaction Check wiring between control unit and components			E	1
6D2182	Superstructure engin SCR vent valve Output current too high Engine reduction (Mach-FL) Check wiring between control unit and component - A776.X2			E	1
6D2203	Superstructure engin SCR connection compressed air short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D2204	Superstructure engin SCR connection compressed air short circuit to ground no reaction Check wiring between control unit and components			E	1
6D2208	Superstructure engin SCR connection compressed air Line interruption no reaction Check wiring between control unit and components			E	1
6D2217	Superstructure engin SCR connection compressed air Short circuit of load no reaction Check wiring between control unit and components			E	1
6D226C	Superstructure engin SCR connection compressed air Reg. deviation current value no reaction Report all error parameters to Service			E	1
6D226D	Superstructure engin SCR connection compressed air Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components			E	1
6D226E	Superstructure engin SCR connection compressed air Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components			E	1
6D226F	Superstructure engin SCR connection compressed air Short circuit after ground Plus switch no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D2270	Superstructure engin SCR connection compressed air Short circuit after ground, ground switch no reaction Check wiring between control unit and components			E	1
6D2282	Superstructure engin SCR connection compressed air Output current too high Engine reduction (Mach-FL) Check wiring between control unit and component - A709			E	1
6D2303	Superstructure engin SCR Air pressure sensor short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D230B	Superstructure engin SCR Air pressure sensor Short circuit after ground or line interruption no reaction Check wiring between control unit and components			E	1
6D2316	Superstructure engin SCR Air pressure sensor Plausibility error no reaction Check components			E	1
6D2328	Superstructure engin SCR Air pressure sensor Pressure too high when connecting compressed air Inducement system activation (Mach-FL) Check SCR-System			E	1
6D2329	Superstructure engin 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			E	1
6D2364	Superstructure engin SCR Air pressure sensor Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6D2401	Superstructure engin Urea (AdBlue)-Tank Temperature sensor Value above max. test range no reaction Check wiring between control unit and components			E	1
6D2402	Superstructure engin Urea (AdBlue)-Tank Temperature sensor Value below min. test range no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D2408	Superstructure engine Urea (AdBlue)-Tank Temperature sensor Line interruption no reaction Check wiring between control unit and components			E	1
6D2409	Superstructure engine Urea (AdBlue)-Tank Temperature sensor Value above warning threshold no reaction Check operation status of engine			E	1
6D2416	Superstructure engine Urea (AdBlue)-Tank Temperature sensor Plausibility error no reaction Check components			E	1
6D2418	Superstructure engine Urea (AdBlue)-Tank Temperature sensor Short circuit no reaction Check wiring between control unit and components			E	1
6D2501	Superstructure engine Urea (AdBlue)-Tank Fill level sensor Value above max. test range no reaction Check wiring between control unit and components			E	1
6D2502	Superstructure engine Urea (AdBlue)-Tank Fill level sensor Value below min. test range Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D2508	Superstructure engine Urea (AdBlue)-Tank Fill level sensor Line interruption Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D2518	Superstructure engine Urea (AdBlue)-Tank Fill level sensor Short circuit Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D2519	Superstructure engine Urea (AdBlue)-Tank Fill level sensor Fill level low Inducement system activation (Mach-FL) Refill urea tank			E	1
6D2605	Superstructure engine Urea (AdBlue)-Tank Sampling unit Communication error Inducement system activation (Mach-FL) Check wiring, CAN-participant			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D2701	Superstructure engin Urea (AdBlue)-Tank Quality sensor Value above max. test range Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D2702	Superstructure engin Urea (AdBlue)-Tank Quality sensor Value below min. test range Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D2746	Superstructure engin Urea (AdBlue)-Tank Quality sensor Optical error Inducement system activation (Mach-FL) Check components			E	1
6D2803	Superstructure engin Battery temperature sensor short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D2804	Superstructure engin Battery temperature sensor short circuit to ground no reaction Check wiring between control unit and components			E	1
6D2808	Superstructure engin Battery temperature sensor Line interruption no reaction Check wiring between control unit and components			E	1
6D2816	Superstructure engin Battery temperature sensor Plausibility error no reaction Check components			E	1
6D2864	Superstructure engin Battery temperature sensor Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6D2901	Superstructure engin Exhaust temperature sensor (before SCR) Value above max. test range Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D2903	Superstructure engin Exhaust temperature sensor (before SCR) short circuit to supply voltage Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D2904	Superstructure engin Exhaust temperature sensor (before SCR) short circuit to ground Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D2908	Superstructure engin Exhaust temperature sensor (before SCR) Line interruption Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D2909	Superstructure engin Exhaust temperature sensor (before SCR) Value above warning threshold no reaction Check operation status of engine			E	1
6D290A	Superstructure engin Exhaust temperature sensor (before SCR) Value above critical threshold no reaction Check operation status of engine			E	1
6D2916	Superstructure engin Exhaust temperature sensor (before SCR) Plausibility error Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D291B	Superstructure engin Exhaust temperature sensor (before SCR) Invalid data no reaction Check wiring, sensor			E	1
6D2964	Superstructure engin Exhaust temperature sensor (before SCR) Error supply voltage sensors Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D2A01	Superstructure engin Exhaust temperature sensor (after SCR) Value above max. test range no reaction Check wiring between control unit and components			E	1
6D2A02	Superstructure engin Exhaust temperature sensor (after SCR) Value below min. test range no reaction Check wiring between control unit and components			E	1
6D2A03	Superstructure engin Exhaust temperature sensor (after SCR) short circuit to supply voltage no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D2A04	Superstructure engine Exhaust temperature sensor (after SCR) short circuit to ground no reaction Check wiring between control unit and components			E	1
6D2A08	Superstructure engine Exhaust temperature sensor (after SCR) Line interruption no reaction Check wiring between control unit and components			E	1
6D2A09	Superstructure engine Exhaust temperature sensor (after SCR) Value above warning threshold no reaction Check operation status of engine			E	1
6D2A0A	Superstructure engine Exhaust temperature sensor (after SCR) Value above critical threshold no reaction Check operation status of engine			E	1
6D2A16	Superstructure engine Exhaust temperature sensor (after SCR) Plausibility error no reaction Check wiring between control unit and components			E	1
6D2A1B	Superstructure engine Exhaust temperature sensor (after SCR) Invalid data no reaction Check wiring, sensor			E	1
6D2A64	Superstructure engine Exhaust temperature sensor (after SCR) Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6D2B03	Superstructure engine Hydraulic oil temperature sensor short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D2B04	Superstructure engine Hydraulic oil temperature sensor short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D2B08	Superstructure engine Hydraulic oil temperature sensor Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D2B09	Superstructure engin Hydraulic oil temperature sensor Value above warning threshold no reaction Check operation status of engine			E	1
6D2B0A	Superstructure engin Hydraulic oil temperature sensor Value above critical threshold no reaction Check operation status of engine			E	1
6D2B64	Superstructure engin Hydraulic oil temperature sensor Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6D2C03	Superstructure engin Starter short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D2C04	Superstructure engin Starter short circuit to ground no reaction Check wiring between control unit and components			E	1
6D2C08	Superstructure engin Starter Line interruption no reaction Check wiring between control unit and components			E	1
6D2C6C	Superstructure engin Starter Reg. deviation current value no reaction Report all error parameters to Service			E	1
6D2C6D	Superstructure engin Starter Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components			E	1
6D2C6E	Superstructure engin Starter Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components			E	1
6D2C6F	Superstructure engin Starter Short circuit after ground Plus switch no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D2C70	Superstructure engin Starter Short circuit after ground, ground switch no reaction Check wiring between control unit and components			E	1
6D2C7C	Superstructure engin Starter Blocked due to excess temperature no reaction No remedy text			E	1
6D2C82	Superstructure engin Starter Output current too high no reaction Check wiring between control unit and component - M700			E	1
6D2E03	Superstructure engin Wastegate flap 1 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D2E04	Superstructure engin Wastegate flap 1 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D2E05	Superstructure engin Wastegate flap 1 Communication error no reaction Check wiring, flaps			E	1
6D2E08	Superstructure engin Wastegate flap 1 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D2E0A	Superstructure engin Wastegate flap 1 Value above critical threshold no reaction Check wiring, flaps			E	1
6D2E17	Superstructure engin Wastegate flap 1 Short circuit of load Engine reduction 25% (Mach-FL) Check wiring between control unit and component - Y705			E	1
6D2E34	Superstructure engin Wastegate flap 1 Hardware Error no reaction Check wiring, flaps			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D2E36	Superstructure engin Wastegate flap 1 Calibration error no reaction Check wiring, flaps			E	1
6D2E38	Superstructure engin Wastegate flap 1 Error Regulation deviation no reaction Check wiring, flaps			E	1
6D2E39	Superstructure engin Wastegate flap 1 Error Absolute position no reaction Check wiring, flaps			E	1
6D2E64	Superstructure engin Wastegate flap 1 Error supply voltage sensors no reaction Check wiring, flaps			E	1
6D2E6C	Superstructure engin Wastegate flap 1 Reg. deviation current value Engine derating 25% (Mach-FL) Report all error parameters to Service			E	1
6D2E6D	Superstructure engin Wastegate flap 1 Short circuit after supply voltage Plus switch Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D2E6E	Superstructure engin Wastegate flap 1 Short circuit after supply voltage ground switch Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D2E6F	Superstructure engin Wastegate flap 1 Short circuit after ground Plus switch Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D2E70	Superstructure engin Wastegate flap 1 Short circuit after ground, ground switch Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D2E81	Superstructure engin Wastegate flap 1 Position feedback not available no reaction Check wiring, flaps			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D2E82	Superstructure engin Wastegate flap 1 Output current too high Engine reduction 25% (Mach-FL) Check wiring between control unit and component - Y705			E	1
6D2F03	Superstructure engin Fuel supply valve 1 (VCV) short circuit to supply voltage Engine derating 50% (Mach-FL) Check wiring between control unit and components			E	1
6D2F04	Superstructure engin Fuel supply valve 1 (VCV) short circuit to ground Engine derating 50% (Mach-FL) Check wiring between control unit and components			E	1
6D2F08	Superstructure engin Fuel supply valve 1 (VCV) Line interruption Engine derating 50% (Mach-FL) Check wiring between control unit and components			E	1
6D2F0A	Superstructure engin Fuel supply valve 1 (VCV) Value above critical threshold no reaction Check operation status of engine			E	1
6D2F0C	Superstructure engin Fuel supply valve 1 (VCV) Value below critical threshold no reaction Check operation status of engine			E	1
6D2F15	Superstructure engin Fuel supply valve 1 (VCV) Signal remains above nominal value no reaction Check wiring, components, control unit			E	1
6D2F17	Superstructure engin Fuel supply valve 1 (VCV) Short circuit of load Engine derating 50% (Mach-FL) Check wiring between control unit and components			E	1
6D2F52	Superstructure engin Fuel supply valve 1 (VCV) PWM plausibility no reaction Check components			E	1
6D2F6C	Superstructure engin Fuel supply valve 1 (VCV) Reg. deviation current value Engine derating 50% (Mach-FL) Report all error parameters to Service			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D2F6D	Superstructure engin Fuel supply valve 1 (VCV) Short circuit after supply voltage Plus switch Engine derating 50% (Mach-FL) Check wiring between control unit and components			E	1
6D2F6E	Superstructure engin Fuel supply valve 1 (VCV) Short circuit after supply voltage ground switch Engine derating 50% (Mach-FL) Check wiring between control unit and components			E	1
6D2F6F	Superstructure engin Fuel supply valve 1 (VCV) Short circuit after ground Plus switch Engine derating 50% (Mach-FL) Check wiring between control unit and components			E	1
6D2F70	Superstructure engin Fuel supply valve 1 (VCV) Short circuit after ground, ground switch Engine derating 50% (Mach-FL) Check wiring between control unit and components			E	1
6D2F74	Superstructure engin Fuel supply valve 1 (VCV) Lower limit value for regulation reached no reaction No measure required			E	1
6D2F82	Superstructure engin Fuel supply valve 1 (VCV) Output current too high Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y703			E	1
6D3003	Superstructure engin Fuel high pressure regulating valve 1 (PCV) short circuit to supply voltage Engine derating 50% (Mach-FL) Check wiring between control unit and components			E	1
6D3004	Superstructure engin Fuel high pressure regulating valve 1 (PCV) short circuit to ground Engine derating 50% (Mach-FL) Check wiring between control unit and components			E	1
6D3008	Superstructure engin Fuel high pressure regulating valve 1 (PCV) Line interruption Engine derating 50% (Mach-FL) Check wiring between control unit and components			E	1
6D300A	Superstructure engin Fuel high pressure regulating valve 1 (PCV) Value above critical threshold no reaction Check operation status of engine			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D300C	Superstructure engin Fuel high pressure regulating valve 1 (PCV) Value below critical threshold no reaction Check operation status of engine			E	1
6D300E	Superstructure engin Fuel high pressure regulating valve 1 (PCV) Signal increases too fast no reaction Check components			E	1
6D300F	Superstructure engin Fuel high pressure regulating valve 1 (PCV) Signal decreases too fast no reaction Check components			E	1
6D3015	Superstructure engin Fuel high pressure regulating valve 1 (PCV) Signal remains above nominal value no reaction Check wiring, components, control unit			E	1
6D3017	Superstructure engin Fuel high pressure regulating valve 1 (PCV) Short circuit of load Engine derating 50% (Mach-FL) Check wiring between control unit and components			E	1
6D301D	Superstructure engin Fuel high pressure regulating valve 1 (PCV) PCV Flow regulation upper stop no reaction Check components			E	1
6D301E	Superstructure engin Fuel high pressure regulating valve 1 (PCV) PCV Flow regulation lower stop no reaction Check components			E	1
6D3052	Superstructure engin Fuel high pressure regulating valve 1 (PCV) PWM plausibility no reaction Check components			E	1
6D305D	Superstructure engin Fuel high pressure regulating valve 1 (PCV) PCV open due to excess pressure no reaction Check operation status of engine			E	1
6D306C	Superstructure engin Fuel high pressure regulating valve 1 (PCV) Reg. deviation current value Engine derating 50% (Mach-FL) Report all error parameters to Service			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D306D	Superstructure engin 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			E	1
6D306E	Superstructure engin 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			E	1
6D306F	Superstructure engin 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			E	1
6D3070	Superstructure engin 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			E	1
6D3074	Superstructure engin Fuel high pressure regulating valve 1 (PCV) Lower limit value for regulation reached no reaction No measure required			E	1
6D3082	Superstructure engin Fuel high pressure regulating valve 1 (PCV) Output current too high Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y707			E	1
6D3105	Superstructure engin Exhaust return valve 1 Communication error Engine derating 25% (Mach-FL) Check wiring, CAN-participant			E	1
6D3121	Superstructure engin Exhaust return valve 1 Voltage outside permissible range Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3133	Superstructure engin Exhaust return valve 1 Data transfer CAN problematic Engine derating 25% (Mach-FL) Check wiring, CAN-participant			E	1
6D3134	Superstructure engin Exhaust return valve 1 Hardware Error Engine derating 25% (Mach-FL) Check module			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D3135	Superstructure engin Exhaust return valve 1 Excess temperature error Engine derating 25% (Mach-FL) Check cooling of module			E	1
6D3136	Superstructure engin Exhaust return valve 1 Calibration error Engine derating 25% (Mach-FL) Check module			E	1
6D3137	Superstructure engin Exhaust return valve 1 Error Reference position Engine derating 25% (Mach-FL) Check module			E	1
6D3138	Superstructure engin Exhaust return valve 1 Error Regulation deviation Engine derating 25% (Mach-FL) Check components			E	1
6D3139	Superstructure engin Exhaust return valve 1 Error Absolute position Engine derating 25% (Mach-FL) Check module			E	1
6D3181	Superstructure engin Exhaust return valve 1 Position feedback not available Engine reduction 25% (Mach-FL) No remedy text			E	1
6D3303	Superstructure engin Injector 1 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3304	Superstructure engin Injector 1 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3308	Superstructure engin Injector 1 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D331F	Superstructure engin Injector 1 No current increase time measureable Engine derating 25% (Mach-FL) Check wiring, components, control unit			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D3320	Superstructure engine Injector 1 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit			E	1
6D3383	Superstructure engine Injector 1 Voltage regulated minimum quantities adaptation failed no reaction No remedy text			E	1
6D3386	Superstructure engine Injector 1 Minimum quantity correction calculation faulty no reaction No remedy text			E	1
6D3387	Superstructure engine Injector 1 Minimum quantity correction faulty no reaction No remedy text			E	1
6D3403	Superstructure engine Injector 2 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3404	Superstructure engine Injector 2 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3408	Superstructure engine Injector 2 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D341F	Superstructure engine Injector 2 No current increase time measurable Engine derating 25% (Mach-FL) Check wiring, components, control unit			E	1
6D3420	Superstructure engine Injector 2 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit			E	1
6D3483	Superstructure engine Injector 2 Voltage regulated minimum quantities adaptation failed no reaction No remedy text			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D3486	Superstructure engine Injector 2 Minimum quantity correction calculation faulty no reaction No remedy text			E	1
6D3487	Superstructure engine Injector 2 Minimum quantity correction faulty no reaction No remedy text			E	1
6D3503	Superstructure engine Injector 3 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3504	Superstructure engine Injector 3 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3508	Superstructure engine Injector 3 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D351F	Superstructure engine Injector 3 No current increase time measureable Engine derating 25% (Mach-FL) Check wiring, components, control unit			E	1
6D3520	Superstructure engine Injector 3 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit			E	1
6D3583	Superstructure engine Injector 3 Voltage regulated minimum quantities adaptation failed no reaction No remedy text			E	1
6D3586	Superstructure engine Injector 3 Minimum quantity correction calculation faulty no reaction No remedy text			E	1
6D3587	Superstructure engine Injector 3 Minimum quantity correction faulty no reaction No remedy text			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D3603	Superstructure engin Injector 4 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3604	Superstructure engin Injector 4 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3608	Superstructure engin Injector 4 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D361F	Superstructure engin Injector 4 No current increase time measureable Engine derating 25% (Mach-FL) Check wiring, components, control unit			E	1
6D3620	Superstructure engin Injector 4 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit			E	1
6D3683	Superstructure engin Injector 4 Voltage regulated minimum quantities adaptation failed no reaction No remedy text			E	1
6D3686	Superstructure engin Injector 4 Minimum quantity correction calculation faulty no reaction No remedy text			E	1
6D3687	Superstructure engin Injector 4 Minimum quantity correction faulty no reaction No remedy text			E	1
6D3703	Superstructure engin Injector 5 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3704	Superstructure engin Injector 5 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D3708	Superstructure engine Injector 5 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D371F	Superstructure engine Injector 5 No current increase time measureable Engine derating 25% (Mach-FL) Check wiring, components, control unit			E	1
6D3720	Superstructure engine Injector 5 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit			E	1
6D3783	Superstructure engine Injector 5 Voltage regulated minimum quantities adaptation failed no reaction No remedy text			E	1
6D3786	Superstructure engine Injector 5 Minimum quantity correction calculation faulty no reaction No remedy text			E	1
6D3787	Superstructure engine Injector 5 Minimum quantity correction faulty no reaction No remedy text			E	1
6D3803	Superstructure engine Injector 6 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3804	Superstructure engine Injector 6 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3808	Superstructure engine Injector 6 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D381F	Superstructure engine Injector 6 No current increase time measureable Engine derating 25% (Mach-FL) Check wiring, components, control unit			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D3820	Superstructure engine Injector 6 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit			E	1
6D3883	Superstructure engine Injector 6 Voltage regulated minimum quantities adaptation failed no reaction No remedy text			E	1
6D3886	Superstructure engine Injector 6 Minimum quantity correction calculation faulty no reaction No remedy text			E	1
6D3887	Superstructure engine Injector 6 Minimum quantity correction faulty no reaction No remedy text			E	1
6D3903	Superstructure engine Injector 7 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3904	Superstructure engine Injector 7 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3908	Superstructure engine Injector 7 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D391F	Superstructure engine Injector 7 No current increase time measurable Engine derating 25% (Mach-FL) Check wiring, components, control unit			E	1
6D3920	Superstructure engine Injector 7 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit			E	1
6D3983	Superstructure engine Injector 7 Voltage regulated minimum quantities adaptation failed no reaction No remedy text			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D3986	Superstructure engine Injector 7 Minimum quantity correction calculation faulty no reaction No remedy text			E	1
6D3987	Superstructure engine Injector 7 Minimum quantity correction faulty no reaction No remedy text			E	1
6D3A03	Superstructure engine Injector 8 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3A04	Superstructure engine Injector 8 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3A08	Superstructure engine Injector 8 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3A1F	Superstructure engine Injector 8 No current increase time measureable Engine derating 25% (Mach-FL) Check wiring, components, control unit			E	1
6D3A20	Superstructure engine Injector 8 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit			E	1
6D3A83	Superstructure engine Injector 8 Voltage regulated minimum quantities adaptation failed no reaction No remedy text			E	1
6D3A86	Superstructure engine Injector 8 Minimum quantity correction calculation faulty no reaction No remedy text			E	1
6D3A87	Superstructure engine Injector 8 Minimum quantity correction faulty no reaction No remedy text			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D3B03	Superstructure engin Travel pedal sensor 1 short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D3B0B	Superstructure engin Travel pedal sensor 1 Short circuit after ground or line interruption no reaction Check wiring between control unit and components			E	1
6D3C03	Superstructure engin Travel pedal sensor 2 short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D3C0B	Superstructure engin Travel pedal sensor 2 Short circuit after ground or line interruption no reaction Check wiring between control unit and components			E	1
6D3D16	Superstructure engin Travel pedal sensor Plausibility error no reaction Check wiring between control unit and components			E	1
6D3E03	Superstructure engin Fan 1 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3E04	Superstructure engin Fan 1 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3E08	Superstructure engin Fan 1 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3E17	Superstructure engin Fan 1 Short circuit of load Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3E6C	Superstructure engin Fan 1 Reg. deviation current value Engine derating 25% (Mach-FL) Report all error parameters to Service			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D3E6D	Superstructure engin Fan 1 Short circuit after supply voltage Plus switch Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3E6E	Superstructure engin Fan 1 Short circuit after supply voltage ground switch Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3E6F	Superstructure engin Fan 1 Short circuit after ground Plus switch Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3E70	Superstructure engin Fan 1 Short circuit after ground, ground switch Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3E82	Superstructure engin Fan 1 Output current too high no reaction Check wiring between control unit and component - Y718			E	1
6D3F03	Superstructure engin Fan 2 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3F04	Superstructure engin Fan 2 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3F08	Superstructure engin Fan 2 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3F17	Superstructure engin Fan 2 Short circuit of load Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3F6C	Superstructure engin Fan 2 Reg. deviation current value Engine derating 25% (Mach-FL) Report all error parameters to Service			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D3F6D	Superstructure engin Fan 2 Short circuit after supply voltage Plus switch Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3F6E	Superstructure engin Fan 2 Short circuit after supply voltage ground switch Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3F6F	Superstructure engin Fan 2 Short circuit after ground Plus switch Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3F70	Superstructure engin Fan 2 Short circuit after ground, ground switch Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D3F82	Superstructure engin Fan 2 Output current too high no reaction Check wiring between control unit and component - Y719			E	1
6D4003	Superstructure engin Alternator 1 short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D4004	Superstructure engin Alternator 1 short circuit to ground no reaction Check wiring between control unit and components			E	1
6D4221	Superstructure engin Motor Sensor supply U_VCC-M1 (5V) Voltage outside permissible range no reaction Check control unit, supplies			E	1
6D4321	Superstructure engin Motor Sensor supply U_VCC-M2 (5V) Voltage outside permissible range no reaction Check control unit, supplies			E	1
6D4421	Superstructure engin Motor Sensor supply U_VCC-M3 (5V) Voltage outside permissible range no reaction Check control unit, supplies			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D4521	Superstructure engin Motor Sensor supply U_VCC-M4 (5V) Voltage outside permissible range no reaction Check control unit, supplies			E	1
6D4621	Superstructure engin Motor Sensor supply U_VCC-M5 (5V) Voltage outside permissible range no reaction Check control unit, supplies			E	1
6D4721	Superstructure engin Motor Sensor supply U_VCC-M6 (5V) Voltage outside permissible range no reaction Check control unit, supplies			E	1
6D4821	Superstructure engin Motor Sensor supply U_VCC-M7 (5V) Voltage outside permissible range no reaction Check control unit, supplies			E	1
6D4921	Superstructure engin Machine Sensor supply U_VCC-G1 (5V) Voltage outside permissible range no reaction Check control unit, supplies			E	1
6D4A21	Superstructure engin Machine Sensor supply U_VCC-G2 (5V) Voltage outside permissible range no reaction Check control unit, supplies			E	1
6D4B21	Superstructure engin Machine Sensor supply U_VCC-G3 (5V) Voltage outside permissible range no reaction Check control unit, supplies			E	1
6D4C21	Superstructure engin Motor Sensor supply U_UBATT-M1 (Battery) Voltage outside permissible range no reaction Check control unit, supplies, battery voltage			E	1
6D4D21	Superstructure engin Motor Sensor supply U_UBATT-M2 (Battery) Voltage outside permissible range no reaction Check control unit, supplies, battery voltage			E	1
6D4E21	Superstructure engin Machine Sensor supply U_UBATT-G1 (Battery) Voltage outside permissible range no reaction Check control unit, supplies, battery voltage			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D4F21	Superstructure engin Machine Sensor supply U_UBATT-G2 (Battery) Voltage outside permissible range no reaction Check control unit, supplies, battery voltage			E	1
6D5021	Superstructure engin Machine Sensor supply U_UBATT-G3 (Battery) Voltage outside permissible range no reaction Check control unit, supplies, battery voltage			E	1
6D5121	Superstructure engin Machine Sensor supply U_UBATT-G4 (Battery) Voltage outside permissible range no reaction Check control unit, supplies, battery voltage			E	1
6D5221	Superstructure engin Machine Sensor supply U_UBATT-G5 (Battery) Voltage outside permissible range no reaction Check control unit, supplies, battery voltage			E	1
6D5321	Superstructure engin Internal Sensor supply U_VCC_SENSOR 1 Voltage outside permissible range no reaction Check control unit, supplies, battery voltage			E	1
6D5421	Superstructure engin Internal Sensor supply U_VDD_SENSOR 2 Voltage outside permissible range no reaction Check control unit, supplies, battery voltage			E	1
6D5521	Superstructure engin Internal Sensor supply U_BATT_SENSOR (Battery) Voltage outside permissible range no reaction Check control unit, supplies, battery voltage			E	1
6D5621	Superstructure engin Temperature sensor supply U_TI_VCC_5V Voltage outside permissible range no reaction Check control unit, supplies, battery voltage			E	1
6D5722	Superstructure engin Injection time Pre-injection before injection too close to pre-injection no reaction 0			E	1
6D5723	Superstructure engin Injection time Pre-injecton too close to main injection no reaction 0			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D5724	Superstructure engin Injection time Post-injection too close to main injection no reaction 0			E	1
6D5725	Superstructure engin Injection time Late post-injection too close to post-injection no reaction 0			E	1
6D5814	Superstructure engin SCR System (pressure air pump) Signal remains below nominal value Inducement system activation (Mach-FL) Check SCR-System			E	1
6D582C	Superstructure engin 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			E	1
6D5927	Superstructure engin SCR System Urea (AdBlue) nozzle plugged Inducement system activation (Mach-FL) Check SCR-System			E	1
6D592A	Superstructure engin SCR System Interruption of ventilation procedure no reaction Check components			E	1
6D5931	Superstructure engin SCR System Bad efficiency of NOX-reduction no reaction Check SCR-System			E	1
6D5932	Superstructure engin SCR System Very bad efficiency of NOX-reduction Inducement system activation (Mach-FL) Check SCR-System			E	1
6D596B	Superstructure engin SCR System Last venting of AdBlue line interrupted no reaction Report all error parameters to Service			E	1
6D5984	Superstructure engin SCR System Air and urea pressure sensors on the urea pump reversed Engine reduction (Mach-FL) No remedy text			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D5990	Superstructure engin SCR System Cleaning of SCR catalytic converter (HC) not feasible no reaction No remedy text			E	1
6D599F	Superstructure engin SCR System Maximum urea thawing time (AdBlue) exceeded no reaction Check wiring, sensors, heating circuit			E	1
6D5A08	Superstructure engin NOX Sensor (before SCR) Line interruption Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D5A18	Superstructure engin NOX Sensor (before SCR) Short circuit Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D5A1B	Superstructure engin NOX Sensor (before SCR) Invalid data Inducement system activation (Mach-FL) Check operation status of engine			E	1
6D5A2E	Superstructure engin NOX Sensor (before SCR) Sensor removed from exhaust line Inducement system activation (Mach-FL) Check components			E	1
6D5A2F	Superstructure engin NOX Sensor (before SCR) Heating element broken Inducement system activation (Mach-FL) Check wiring, replace components			E	1
6D5A30	Superstructure engin NOX Sensor (before SCR) Offset Error Inducement system activation (Mach-FL) Check operation status of engine			E	1
6D5B05	Superstructure engin NOX Sensor (after SCR) Communication error Inducement system activation (Mach-FL) Check wiring, CAN-participant			E	1
6D5B08	Superstructure engin NOX Sensor (after SCR) Line interruption Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D5B18	Superstructure engin NOX Sensor (after SCR) Short circuit Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D5B1B	Superstructure engin NOX Sensor (after SCR) Invalid data Inducement system activation (Mach-FL) Check operation status of engine			E	1
6D5B2E	Superstructure engin NOX Sensor (after SCR) Sensor removed from exhaust line Inducement system activation (Mach-FL) Check wiring, replace components			E	1
6D5B2F	Superstructure engin NOX Sensor (after SCR) Heating element broken Inducement system activation (Mach-FL) Check wiring, replace components			E	1
6D5B30	Superstructure engin NOX Sensor (after SCR) Offset Error Inducement system activation (Mach-FL) Check operation status of engine			E	1
6D5C01	Superstructure engin Regulation alternator (voltage signal) Value above max. test range no reaction Check wiring between control unit and components			E	1
6D5C06	Superstructure engin Regulation alternator (voltage signal) internal error no reaction Check components			E	1
6D5C38	Superstructure engin Regulation alternator (voltage signal) Error Regulation deviation no reaction Check components			E	1
6D5C4E	Superstructure engin Regulation alternator (voltage signal) Overload no reaction Check components			E	1
6D5C4F	Superstructure engin Regulation alternator (voltage signal) Error when engine running no reaction Check components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D5C50	Superstructure engin Regulation alternator (voltage signal) Error intelligent alternator no reaction Check components			E	1
6D5C51	Superstructure engin Regulation alternator (voltage signal) Fuse defective no reaction Check components			E	1
6D5C88	Superstructure engin Regulation alternator (voltage signal) Alternating control deviation alternator voltage no reaction No remedy text			E	1
6D5C89	Superstructure engin Regulation alternator (voltage signal) Alternator shut-off faulty no reaction No remedy text			E	1
6D5D16	Superstructure engin Air filter monitor pressure sensor Plausibility error Engine derating 25% (Mach-FL) Check components			E	1
6D5F05	Superstructure engin NOX Sensor Communication error Inducement system activation (Mach-FL) Check wiring, CAN-participant			E	1
6D5F2D	Superstructure engin NOX Sensor Installation error Inducement system activation (Mach-FL) Check installation, position of sensors			E	1
6D5F8F	Superstructure engin NOX Sensor Deviating measuring accuracy (drift) no reaction Check sensor value, sensor			E	1
6D6003	Superstructure engin Distributor gear temperature sensor short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D6004	Superstructure engin Distributor gear temperature sensor short circuit to ground no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D6008	Superstructure engin Distributor gear temperature sensor Line interruption no reaction Check wiring between control unit and components			E	1
6D6009	Superstructure engin Distributor gear temperature sensor Value above warning threshold no reaction Check operation status of engine			E	1
6D600A	Superstructure engin Distributor gear temperature sensor Value above critical threshold no reaction Check operation status of engine			E	1
6D6064	Superstructure engin Distributor gear temperature sensor Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6D6103	Superstructure engin Supply relay Engine sensory short circuit to supply voltage Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D6104	Superstructure engin Supply relay Engine sensory short circuit to ground Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D6108	Superstructure engin Supply relay Engine sensory Line interruption Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D616C	Superstructure engin Supply relay Engine sensory Reg. deviation current value Inducement system activation (Mach-FL) Report all error parameters to Service			E	1
6D616D	Superstructure engin Supply relay Engine sensory Short circuit after supply voltage Plus switch Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D616E	Superstructure engin Supply relay Engine sensory Short circuit after supply voltage ground switch Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D616F	Superstructure engin Supply relay Engine sensory Short circuit after ground Plus switch Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D6170	Superstructure engin Supply relay Engine sensory Short circuit after ground, ground switch Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D6182	Superstructure engin Supply relay Engine sensory Output current too high Engine reduction (Mach-FL) Check wiring between control unit and component - K700			E	1
6D6233	Superstructure engin AMET CAN (CAN ID 585) Data transfer CAN problematic no reaction Check wiring, CAN-participant			E	1
6D6333	Superstructure engin AMET CAN (CAN ID 594) Data transfer CAN problematic no reaction Check wiring, CAN-participant			E	1
6D6433	Superstructure engin BAUMA CAN Data transfer CAN problematic no reaction Check wiring, CAN-participant			E	1
6D647E	Superstructure engin BAUMA CAN invalid I/O configuration, master file no reaction Check I/O-Config file on Master Flash card			E	1
6D6533	Superstructure engin ABS Control unit Data transfer CAN problematic no reaction Check wiring, CAN-participant			E	1
6D6633	Superstructure engin ABS Control unit 2 Data transfer CAN problematic no reaction Check wiring, CAN-participant			E	1
6D6733	Superstructure engin Coupling regulation Data transfer CAN problematic no reaction Check wiring, CAN-participant			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D6833	Superstructure engin CAN signal transmission control unit Data transfer CAN problematic no reaction Check wiring, CAN-participant			E	1
6D6933	Superstructure engin CAN signal transmission control unit Data transfer CAN problematic no reaction Check wiring, CAN-participant			E	1
6D6A33	Superstructure engin CAN signal transmission control unit Data transfer CAN problematic no reaction Check wiring, CAN-participant			E	1
6D6B33	Superstructure engin Retarder control unit Data transfer CAN problematic no reaction Check wiring, CAN-participant			E	1
6D6C33	Superstructure engin CAN- signal I/O module Data transfer CAN problematic no reaction Check wiring, CAN-participant			E	1
6D6D08	Superstructure engin CAN- signal I/O module Line interruption Inducement system activation (Mach-FL) Check wiring, wiring harness			E	1
6D6D18	Superstructure engin CAN- signal I/O module Short circuit Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D6D33	Superstructure engin CAN- signal I/O module Data transfer CAN problematic no reaction Check wiring, CAN-participant			E	1
6D6E33	Superstructure engin CAN- signal I/O module Data transfer CAN problematic no reaction Check wiring, CAN-participant			E	1
6D6F07	Superstructure engin Supply voltage Value below warning threshold no reaction Check control unit, supplies, battery voltage			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D6F09	Superstructure engin Supply voltage Value above warning threshold no reaction Check operation status of engine			E	1
6D6F0A	Superstructure engin Supply voltage Value above critical threshold no reaction No remedy text			E	1
6D6F64	Superstructure engin Supply voltage Error supply voltage sensors no reaction No remedy text			E	1
6D6FA3	Superstructure engin Supply voltage Supply voltage term.30 switched off during ECU shut off delay no reaction Check wiring, fuses			E	1
6D7005	Superstructure engin Exhaust flap 1 Communication error Inducement system activation (Mach-FL) Check wiring, CAN-participant			E	1
6D7033	Superstructure engin Exhaust flap 1 Data transfer CAN problematic Inducement system activation (Mach-FL) Check wiring, CAN-participant			E	1
6D7034	Superstructure engin Exhaust flap 1 Hardware Error Inducement system activation (Mach-FL) Check module			E	1
6D7035	Superstructure engin Exhaust flap 1 Excess temperature error Inducement system activation (Mach-FL) Check cooling of module			E	1
6D7036	Superstructure engin Exhaust flap 1 Calibration error Inducement system activation (Mach-FL) Check module			E	1
6D7037	Superstructure engin Exhaust flap 1 Error Reference position Inducement system activation (Mach-FL) Check module			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D7038	Superstructure engin Exhaust flap 1 Error Regulation deviation Engine derating 50% (Mach-FL) Check components			E	1
6D7039	Superstructure engin Exhaust flap 1 Error Absolute position Inducement system activation (Mach-FL) Check module			E	1
6D7121	Superstructure engin Supply voltage exhaust flap 1 Voltage outside permissible range Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D7181	Superstructure engin Supply voltage exhaust flap 1 Position feedback not available Engine reduction (Mach-FL) No remedy text			E	1
6D7203	Superstructure engin Exhaust temperature sensor (before DOC) short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D7204	Superstructure engin Exhaust temperature sensor (before DOC) short circuit to ground no reaction Check wiring between control unit and components			E	1
6D7208	Superstructure engin Exhaust temperature sensor (before DOC) Line interruption no reaction Check wiring between control unit and components			E	1
6D7209	Superstructure engin Exhaust temperature sensor (before DOC) Value above warning threshold no reaction Check operation status of engine			E	1
6D720A	Superstructure engin Exhaust temperature sensor (before DOC) Value above critical threshold no reaction Check operation status of engine			E	1
6D7216	Superstructure engin Exhaust temperature sensor (before DOC) Plausibility error no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D721B	Superstructure engin Exhaust temperature sensor (before DOC) Invalid data no reaction Check wiring, fuses			E	1
6D7264	Superstructure engin Exhaust temperature sensor (before DOC) Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6D7303	Superstructure engin Actuation central lubrication system short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D7304	Superstructure engin Actuation central lubrication system short circuit to ground no reaction Check wiring between control unit and components			E	1
6D7308	Superstructure engin Actuation central lubrication system Line interruption no reaction Check wiring, wiring harness			E	1
6D736C	Superstructure engin Actuation central lubrication system Reg. deviation current value no reaction Report all error parameters to Service			E	1
6D736D	Superstructure engin Actuation central lubrication system Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components			E	1
6D736E	Superstructure engin Actuation central lubrication system Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components			E	1
6D736F	Superstructure engin Actuation central lubrication system Short circuit after ground Plus switch no reaction Check wiring between control unit and components			E	1
6D7370	Superstructure engin Actuation central lubrication system Short circuit after ground, ground switch no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D7382	Superstructure engin Actuation central lubrication system Output current too high no reaction Check wiring between control unit and components			E	1
6D7403	Superstructure engin Actuation Air flap short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D7404	Superstructure engin Actuation Air flap short circuit to ground no reaction Check wiring between control unit and components			E	1
6D7408	Superstructure engin Actuation Air flap Line interruption no reaction Check wiring, wiring harness			E	1
6D746C	Superstructure engin Actuation Air flap Reg. deviation current value no reaction Report all error parameters to Service			E	1
6D746D	Superstructure engin Actuation Air flap Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components			E	1
6D746E	Superstructure engin Actuation Air flap Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components			E	1
6D746F	Superstructure engin Actuation Air flap Short circuit after ground Plus switch no reaction Check wiring between control unit and components			E	1
6D7470	Superstructure engin Actuation Air flap Short circuit after ground, ground switch no reaction Check wiring between control unit and components			E	1
6D7482	Superstructure engin Actuation Air flap Output current too high Engine reduction 50% (Mach-FL) Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D7503	Superstructure engin Machine configurable lamp outlet 1 short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D7504	Superstructure engin Machine configurable lamp outlet 1 short circuit to ground no reaction Check wiring between control unit and components			E	1
6D7508	Superstructure engin Machine configurable lamp outlet 1 Line interruption no reaction Check wiring, wiring harness			E	1
6D756C	Superstructure engin Machine configurable lamp outlet 1 Reg. deviation current value no reaction Report all error parameters to Service			E	1
6D756D	Superstructure engin Machine configurable lamp outlet 1 Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components			E	1
6D756E	Superstructure engin Machine configurable lamp outlet 1 Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components			E	1
6D756F	Superstructure engin Machine configurable lamp outlet 1 Short circuit after ground Plus switch no reaction Check wiring between control unit and components			E	1
6D7570	Superstructure engin Machine configurable lamp outlet 1 Short circuit after ground, ground switch no reaction Check wiring between control unit and components			E	1
6D7603	Superstructure engin Engine stop warning light output (RSL) short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D7604	Superstructure engin Engine stop warning light output (RSL) short circuit to ground no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D7608	Superstructure engin Engine stop warning light output (RSL) Line interruption no reaction Check wiring, wiring harness			E	1
6D766C	Superstructure engin Engine stop warning light output (RSL) Reg. deviation current value no reaction Report all error parameters to Service			E	1
6D766D	Superstructure engin Engine stop warning light output (RSL) Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components			E	1
6D766E	Superstructure engin Engine stop warning light output (RSL) Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components			E	1
6D766F	Superstructure engin Engine stop warning light output (RSL) Short circuit after ground Plus switch no reaction Check wiring between control unit and components			E	1
6D7670	Superstructure engin Engine stop warning light output (RSL) Short circuit after ground, ground switch no reaction Check wiring between control unit and components			E	1
6D7705	Superstructure engin Ammonia sensor Communication error Engine derating 25% (Mach-FL) Check wiring, CAN-participant			E	1
6D7706	Superstructure engin Ammonia sensor internal error Engine derating 25% (Mach-FL) Check components			E	1
6D7709	Superstructure engin Ammonia sensor Value above warning threshold no reaction Check operation status of engine			E	1
6D773A	Superstructure engin Ammonia sensor Error Heater element Engine derating 25% (Mach-FL) Check wiring, replace components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D773B	Superstructure engin Ammonia sensor Error Resistance Engine derating 25% (Mach-FL) Check components			E	1
6D773C	Superstructure engin Ammonia sensor Error Trim calibration Engine derating 25% (Mach-FL) Check wiring between module and sensor, replace sensor			E	1
6D773D	Superstructure engin Ammonia sensor Electric error Engine derating 25% (Mach-FL) Check components			E	1
6D774B	Superstructure engin Ammonia sensor Error supply heating element Engine derating 25% (Mach-FL) Check wiring, replace components			E	1
6D7805	Superstructure engin Water pump Communication error no reaction Check wiring, CAN-participant			E	1
6D783E	Superstructure engin Water pump Rpm nominal value cannot be reached no reaction Check components			E	1
6D7857	Superstructure engin Water pump Engine error no reaction Check components			E	1
6D793F	Superstructure engin Injector supply voltage Up converter cannot reach nominal current no reaction Check control unit			E	1
6D7A40	Superstructure engin Emergency stop Signal Kl.15 on during active emerg. stop no reaction Check emerg. stop, Turn ignition off/on			E	1
6D7B09	Superstructure engin Alternator 1 (Output voltage) Value above warning threshold no reaction Check operation status of engine			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D7B0A	Superstructure engin Alternator 1 (Output voltage) Value above critical threshold no reaction Check operation status of engine			E	1
6D7B0B	Superstructure engin Alternator 1 (Output voltage) Short circuit after ground or line interruption no reaction Check wiring between control unit and components			E	1
6D7B64	Superstructure engin Alternator 1 (Output voltage) Error supply voltage sensors Engine reduction 50% (Mach-FL) No remedy text			E	1
6D7C03	Superstructure engin Temperature sensor after charge air cooler short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D7C04	Superstructure engin Temperature sensor after charge air cooler short circuit to ground no reaction Check wiring between control unit and components			E	1
6D7C08	Superstructure engin Temperature sensor after charge air cooler Line interruption no reaction Check wiring between control unit and components			E	1
6D7C09	Superstructure engin Temperature sensor after charge air cooler Value above warning threshold no reaction Check operation status of engine			E	1
6D7C0A	Superstructure engin Temperature sensor after charge air cooler Value above critical threshold no reaction Check operation status of engine			E	1
6D7C16	Superstructure engin Temperature sensor after charge air cooler Plausibility error no reaction No remedy text			E	1
6D7C64	Superstructure engin Temperature sensor after charge air cooler Error supply voltage sensors no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D7D03	Superstructure engin Alternator 1 (Frequency input) short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D7D04	Superstructure engin Alternator 1 (Frequency input) short circuit to ground no reaction Check wiring, alternator			E	1
6D7D0B	Superstructure engin Alternator 1 (Frequency input) Short circuit after ground or line interruption no reaction Check wiring, alternator			E	1
6D7D0D	Superstructure engin Alternator 1 (Frequency input) Short circuit after supply voltage or line interruption no reaction Check wiring, alternator			E	1
6D7D64	Superstructure engin Alternator 1 (Frequency input) Error supply voltage sensors no reaction Check wiring, alternator			E	1
6D7E03	Superstructure engin Alternator 2 (Output voltage) short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D7E04	Superstructure engin Alternator 2 (Output voltage) short circuit to ground no reaction Check wiring between control unit and components			E	1
6D7E08	Superstructure engin Alternator 2 (Output voltage) Line interruption no reaction Check wiring between control unit and components			E	1
6D7E09	Superstructure engin Alternator 2 (Output voltage) Value above warning threshold no reaction Check operation status of engine			E	1
6D7E0A	Superstructure engin Alternator 2 (Output voltage) Value above critical threshold no reaction Check operation status of engine			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D7E16	Superstructure engin Alternator 2 (Output voltage) Plausibility error no reaction No remedy text			E	1
6D7E64	Superstructure engin Alternator 2 (Output voltage) Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6D7F03	Superstructure engin Alternator 2 (Lamp) short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D7F09	Superstructure engin Alternator 2 (Lamp) Value above warning threshold no reaction Check operation status of engine			E	1
6D7F0A	Superstructure engin Alternator 2 (Lamp) Value above critical threshold no reaction Check operation status of engine			E	1
6D7F0B	Superstructure engin Alternator 2 (Lamp) Short circuit after ground or line interruption no reaction Check wiring between control unit and components			E	1
6D7F64	Superstructure engin Alternator 2 (Lamp) Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6D7F72	Superstructure engin Alternator 2 (Lamp) Charge air pr. too high no reaction No remedy text			E	1
6D7F73	Superstructure engin Alternator 2 (Lamp) Charge air pr. too low no reaction No remedy text			E	1
6D8014	Superstructure engin SCR metering regulator Signal remains below nominal value no reaction Check components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D8015	Superstructure engin SCR metering regulator Signal remains above nominal value no reaction Check components			E	1
6D8074	Superstructure engin SCR metering regulator Lower limit value for regulation reached no reaction No measure required			E	1
6D8075	Superstructure engin SCR metering regulator Upper limit value for regulation reached no reaction No measure required			E	1
6D8105	Superstructure engin Exhaust flap 2 Communication error Inducement system activation (Mach-FL) Check wiring, CAN-participant			E	1
6D8133	Superstructure engin Exhaust flap 2 Data transfer CAN problematic Inducement system activation (Mach-FL) Check wiring, CAN-participant			E	1
6D8134	Superstructure engin Exhaust flap 2 Hardware Error Inducement system activation (Mach-FL) Check module			E	1
6D8135	Superstructure engin Exhaust flap 2 Excess temperature error Inducement system activation (Mach-FL) Check cooling of module			E	1
6D8136	Superstructure engin Exhaust flap 2 Calibration error Inducement system activation (Mach-FL) Check module			E	1
6D8137	Superstructure engin Exhaust flap 2 Error Reference position Inducement system activation (Mach-FL) Check module			E	1
6D8138	Superstructure engin Exhaust flap 2 Error Regulation deviation Engine derating 50% (Mach-FL) Check components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D8139	Superstructure engin Exhaust flap 2 Error Absolute position Inducement system activation (Mach-FL) Check module			E	1
6D8221	Superstructure engin Supply voltage exhaust flap 2 Voltage outside permissible range Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D8281	Superstructure engin Supply voltage exhaust flap 2 Position feedback not available Engine reduction (Mach-FL) No remedy text			E	1
6D8304	Superstructure engin Digital input Starter signal short circuit to ground no reaction Check wiring between control unit and components			E	1
6D8308	Superstructure engin Digital input Starter signal Line interruption no reaction Check wiring, wiring harness			E	1
6D8321	Superstructure engin Digital input Starter signal Voltage outside permissible range no reaction Check wiring between control unit and components			E	1
6D835B	Superstructure engin Digital input Starter signal Start block due to a short circuit no reaction Check wiring, components, control unit			E	1
6D8364	Superstructure engin Digital input Starter signal Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6D8408	Superstructure engin Digital input emerg. off Line interruption no reaction Check wiring between control unit and components			E	1
6D8421	Superstructure engin Digital input emerg. off Voltage outside permissible range no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D8464	Superstructure engin Digital input emerg. off Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6D8508	Superstructure engin Digital input test bench operation Line interruption no reaction Check wiring, wiring harness			E	1
6D8521	Superstructure engin Digital input test bench operation Voltage outside permissible range no reaction Check wiring between control unit and components			E	1
6D8564	Superstructure engin Digital input test bench operation Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6D8608	Superstructure engin Digital input emerg. run rpm Line interruption no reaction Check wiring, wiring harness			E	1
6D8621	Superstructure engin Digital input emerg. run rpm Voltage outside permissible range no reaction Check wiring between control unit and components			E	1
6D8664	Superstructure engin Digital input emerg. run rpm Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6D8708	Superstructure engin Digital input LWE emerg. Op. Line interruption no reaction Check wiring, wiring harness			E	1
6D8721	Superstructure engin Digital input LWE emerg. Op. Voltage outside permissible range no reaction Check wiring between control unit and components			E	1
6D8764	Superstructure engin Digital input LWE emerg. Op. Error supply voltage sensors no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D8803	Superstructure engin Digital input Slave short circuit to supply voltage Inducement system activated Check wiring			E	1
6D8804	Superstructure engin Digital input Slave short circuit to ground Inducement system activated Check wiring			E	1
6D8808	Superstructure engin Digital input Slave Line interruption Inducement system activated Check wiring			E	1
6D880B	Superstructure engin Digital input Slave Short circuit after ground or line interruption Inducement system activated Check wiring			E	1
6D880D	Superstructure engin Digital input Slave Short circuit after supply voltage or line interruption Inducement system activated Check wiring			E	1
6D8821	Superstructure engin Digital input Slave Voltage outside permissible range no reaction Check wiring between control unit and components			E	1
6D8864	Superstructure engin Digital input Slave Error supply voltage sensors Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D8907	Superstructure engin Reductions because of exhaust quality Value below warning threshold no reaction Read out error stack and note other system errors			E	1
6D8941	Superstructure engin Reductions because of exhaust quality Power or speed limitation active no reaction Read out error stack and note other system errors			E	1
6D8942	Superstructure engin Reductions because of exhaust quality Increased power or speed limitation active no reaction Read out error stack and note other system errors			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D8943	Superstructure engin Reductions because of exhaust quality Blocked in increased power or speed limitation no reaction Read out error stack and note other system errors			E	1
6D8944	Superstructure engin Reductions because of exhaust quality Engine start block due to empty urea tank no reaction Read out error stack and note other system errors			E	1
6D8A38	Superstructure engin Signals vehicle speed Error Regulation deviation no reaction Check components			E	1
6D8B21	Superstructure engin Urea (AdBlue) Quality Voltage outside permissible range Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D8B76	Superstructure engin 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			E	1
6D8BA4	Superstructure engin Urea (AdBlue) Quality Incorrect reducing agent Inducement system activated Check wiring			E	1
6D8C08	Superstructure engin Data transfer CAN 1 Line interruption Inducement system activation (Mach-FL) Check wiring, wiring harness			E	1
6D8C18	Superstructure engin Data transfer CAN 1 Short circuit Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D8CA5	Superstructure engin Data transfer CAN 1 NOX emission values too high Inducement system activated Check wiring			E	1
6D8E08	Superstructure engin Data transfer CAN 3 Line interruption Inducement system activation (Mach-FL) Check wiring, wiring harness			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D8E18	Superstructure engin Data transfer CAN 3 Short circuit Inducement system activation (Mach-FL) Check wiring between control unit and components			E	1
6D8F03	Superstructure engin Injector 9 short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D8F04	Superstructure engin Injector 9 short circuit to ground no reaction Check wiring between control unit and components			E	1
6D8F08	Superstructure engin Injector 9 Line interruption no reaction Check wiring between control unit and components			E	1
6D8F1F	Superstructure engin Injector 9 No current increase time measureable no reaction Check wiring, components, control unit			E	1
6D8F20	Superstructure engin Injector 9 Current increase time too long no reaction Check wiring, components, control unit			E	1
6D8F83	Superstructure engin Injector 9 Voltage regulated minimum quantities adaptation failed no reaction No remedy text			E	1
6D8F86	Superstructure engin Injector 9 Minimum quantity correction calculation faulty no reaction No remedy text			E	1
6D8F87	Superstructure engin Injector 9 Minimum quantity correction faulty no reaction No remedy text			E	1
6D9003	Superstructure engin Injector 10 short circuit to supply voltage no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D9004	Superstructure engin Injector 10 short circuit to ground no reaction Check wiring between control unit and components			E	1
6D9008	Superstructure engin Injector 10 Line interruption no reaction Check wiring between control unit and components			E	1
6D901F	Superstructure engin Injector 10 No current increase time measureable no reaction Check wiring, components, control unit			E	1
6D9020	Superstructure engin Injector 10 Current increase time too long no reaction Check wiring, components, control unit			E	1
6D9083	Superstructure engin Injector 10 Voltage regulated minimum quantities adaptation failed no reaction No remedy text			E	1
6D9086	Superstructure engin Injector 10 Minimum quantity correction calculation faulty no reaction No remedy text			E	1
6D9087	Superstructure engin Injector 10 Minimum quantity correction faulty no reaction No remedy text			E	1
6D9103	Superstructure engin Injector 11 short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D9104	Superstructure engin Injector 11 short circuit to ground no reaction Check wiring between control unit and components			E	1
6D9108	Superstructure engin Injector 11 Line interruption no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D911F	Superstructure engin Injector 11 No current increase time measureable no reaction Check wiring, components, control unit			E	1
6D9120	Superstructure engin Injector 11 Current increase time too long no reaction Check wiring, components, control unit			E	1
6D9183	Superstructure engin Injector 11 Voltage regulated minimum quantities adaptation failed no reaction No remedy text			E	1
6D9186	Superstructure engin Injector 11 Minimum quantity correction calculation faulty no reaction No remedy text			E	1
6D9187	Superstructure engin Injector 11 Minimum quantity correction faulty no reaction No remedy text			E	1
6D9203	Superstructure engin Injector 12 short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D9204	Superstructure engin Injector 12 short circuit to ground no reaction Check wiring between control unit and components			E	1
6D9208	Superstructure engin Injector 12 Line interruption no reaction Check wiring between control unit and components			E	1
6D921F	Superstructure engin Injector 12 No current increase time measureable no reaction Check wiring, components, control unit			E	1
6D9220	Superstructure engin Injector 12 Current increase time too long no reaction Check wiring, components, control unit			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D9283	Superstructure engin Injector 12 Voltage regulated minimum quantities adaptation failed no reaction No remedy text			E	1
6D9286	Superstructure engin Injector 12 Minimum quantity correction calculation faulty no reaction No remedy text			E	1
6D9287	Superstructure engin Injector 12 Minimum quantity correction faulty no reaction No remedy text			E	1
6D930A	Superstructure engin Fuel supply valve 2 (VCV) Value above critical threshold no reaction No remedy text			E	1
6D930C	Superstructure engin Fuel supply valve 2 (VCV) Value below critical threshold no reaction No remedy text			E	1
6D9533	Superstructure engin CAN-message machine control (TSC1) Data transfer CAN problematic no reaction Check wiring, CAN-participant			E	1
6D9603	Superstructure engin Fan 3 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D9604	Superstructure engin Fan 3 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D9608	Superstructure engin Fan 3 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D9617	Superstructure engin Fan 3 Short circuit of load Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D966C	Superstructure engin Fan 3 Reg. deviation current value Engine derating 25% (Mach-FL) Report all error parameters to Service			E	1
6D966D	Superstructure engin Fan 3 Short circuit after supply voltage Plus switch Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D966E	Superstructure engin Fan 3 Short circuit after supply voltage ground switch Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D966F	Superstructure engin Fan 3 Short circuit after ground Plus switch Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D9670	Superstructure engin Fan 3 Short circuit after ground, ground switch Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6D9682	Superstructure engin Fan 3 Output current too high no reaction Check wiring between control unit and components			E	1
6D9708	Superstructure engin Fuel supply valve 2 (VCV) Line interruption Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y704			E	1
6D9717	Superstructure engin Fuel supply valve 2 (VCV) Short circuit of load Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y704			E	1
6D9752	Superstructure engin Fuel supply valve 2 (VCV) PWM plausibility no reaction No action necessary			E	1
6D976C	Superstructure engin Fuel supply valve 2 (VCV) Reg. deviation current value Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y704			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D976D	Superstructure engin Fuel supply valve 2 (VCV) Short circuit after supply voltage Plus switch Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y704			E	1
6D976E	Superstructure engin Fuel supply valve 2 (VCV) Short circuit after supply voltage ground switch Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y704			E	1
6D976F	Superstructure engin Fuel supply valve 2 (VCV) Short circuit after ground Plus switch Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y704			E	1
6D9770	Superstructure engin Fuel supply valve 2 (VCV) Short circuit after ground, ground switch Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y704			E	1
6D9774	Superstructure engin Fuel supply valve 2 (VCV) Lower limit value for regulation reached no reaction No action necessary			E	1
6D9782	Superstructure engin Fuel supply valve 2 (VCV) Output current too high Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y704			E	1
6D9808	Superstructure engin Fuel high pressure regulating valve 2 (PCV) Line interruption Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y708			E	1
6D980A	Superstructure engin Fuel high pressure regulating valve 2 (PCV) Value above critical threshold no reaction No remedy text			E	1
6D9817	Superstructure engin Fuel high pressure regulating valve 2 (PCV) Short circuit of load Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y708			E	1
6D9852	Superstructure engin Fuel high pressure regulating valve 2 (PCV) PWM plausibility no reaction No remedy text			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D985D	Superstructure engin Fuel high pressure regulating valve 2 (PCV) PCV open due to excess pressure no reaction No remedy text			E	1
6D986C	Superstructure engin Fuel high pressure regulating valve 2 (PCV) Reg. deviation current value Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y708			E	1
6D986D	Superstructure engin Fuel high pressure regulating valve 2 (PCV) Short circuit after supply voltage Plus switch Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y708			E	1
6D986E	Superstructure engin Fuel high pressure regulating valve 2 (PCV) Short circuit after supply voltage ground switch Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y708			E	1
6D986F	Superstructure engin Fuel high pressure regulating valve 2 (PCV) Short circuit after ground Plus switch Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y708			E	1
6D9870	Superstructure engin Fuel high pressure regulating valve 2 (PCV) Short circuit after ground, ground switch Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y708			E	1
6D9874	Superstructure engin Fuel high pressure regulating valve 2 (PCV) Lower limit value for regulation reached no reaction No action necessary			E	1
6D9882	Superstructure engin Fuel high pressure regulating valve 2 (PCV) Output current too high Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y708			E	1
6D9914	Superstructure engin Fuel supply valve 2 (VCV) power regulation Signal remains below nominal value no reaction No action necessary			E	1
6D9915	Superstructure engin Fuel supply valve 2 (VCV) power regulation Signal remains above nominal value no reaction No action necessary			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D9A14	Superstructure engin Fuel high pressure regulating valve 2 PCV flow reg Signal remains below nominal value no reaction No action necessary			E	1
6D9A15	Superstructure engin Fuel high pressure regulating valve 2 PCV flow reg Signal remains above nominal value no reaction No action necessary			E	1
6D9B14	Superstructure engin Fuel high pressure regulating valve (PCV) flow reg Signal remains below nominal value no reaction Check wiring, components, control unit			E	1
6D9B15	Superstructure engin Fuel high pressure regulating valve (PCV) flow reg Signal remains above nominal value no reaction Check wiring, components, control unit			E	1
6D9C03	Superstructure engin Actuation after run relay short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6D9C04	Superstructure engin Actuation after run relay short circuit to ground no reaction Check wiring between control unit and components			E	1
6D9C08	Superstructure engin Actuation after run relay Line interruption no reaction Check wiring, wiring harness			E	1
6D9C6C	Superstructure engin Actuation after run relay Reg. deviation current value no reaction Report all error parameters to Service			E	1
6D9C6D	Superstructure engin Actuation after run relay Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components			E	1
6D9C6E	Superstructure engin Actuation after run relay Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D9C6F	Superstructure engin Actuation after run relay Short circuit after ground Plus switch no reaction Check wiring between control unit and components			E	1
6D9C70	Superstructure engin Actuation after run relay Short circuit after ground, ground switch no reaction Check wiring between control unit and components			E	1
6D9C82	Superstructure engin Actuation after run relay Output current too high no reaction Check wiring between control unit and components			E	1
6D9D01	Superstructure engin Urea tank (temperature at suction point) Value above max. test range no reaction Check wiring between control unit and components			E	1
6D9D02	Superstructure engin Urea tank (temperature at suction point) Value below min. test range no reaction Check wiring between control unit and components			E	1
6D9D08	Superstructure engin Urea tank (temperature at suction point) Line interruption no reaction Check wiring between control unit and components			E	1
6D9D09	Superstructure engin Urea tank (temperature at suction point) Value above warning threshold no reaction Check operation status of engine			E	1
6D9D16	Superstructure engin Urea tank (temperature at suction point) Plausibility error no reaction Check components			E	1
6D9D18	Superstructure engin Urea tank (temperature at suction point) Short circuit no reaction Check wiring between control unit and components			E	1
6D9F03	Superstructure engin Particle filter pressure sensor 1 short circuit to supply voltage no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6D9F0B	Superstructure engin Particle filter pressure sensor 1 Short circuit after ground or line interruption no reaction Check wiring between control unit and components			E	1
6D9F16	Superstructure engin Particle filter pressure sensor 1 Plausibility error no reaction Check components			E	1
6D9F64	Superstructure engin Particle filter pressure sensor 1 Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6DA103	Superstructure engin Air filter pressure switch short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6DA10B	Superstructure engin Air filter pressure switch Short circuit after ground or line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6DA121	Superstructure engin Air filter pressure switch Voltage outside permissible range Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6DA164	Superstructure engin Air filter pressure switch Error supply voltage sensors Engine derating 25% (Mach-FL) Check wiring between control unit and components			E	1
6DA221	Superstructure engin Terminal 15 digital input Voltage outside permissible range no reaction Check wiring between control unit and components			E	1
6DA264	Superstructure engin Terminal 15 digital input Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6DA348	Superstructure engin Urea thawing procedure Efficiency error no reaction Check operation status of engine			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6DA409	Superstructure engin Urea heater system Value above warning threshold no reaction No action necessary			E	1
6DA40A	Superstructure engin Urea heater system Value above critical threshold Engine reduction 50% (Mach-FL) Check electrical error, check high pressure fuel pump. Sensor OK			E	1
6DA44C	Superstructure engin Urea heater system Actuator error Inducement system activation (Mach-FL) Read out error stack and note other system errors			E	1
6DA44D	Superstructure engin Urea heater system Sensor error Inducement system activation (Mach-FL) Read out error stack and note other system errors			E	1
6DA509	Superstructure engin coolant temperature sensor Value above warning threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary			E	1
6DA50A	Superstructure engin coolant temperature sensor Value above critical threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary			E	1
6DA516	Superstructure engin coolant temperature sensor Plausibility error no reaction No remedy text			E	1
6DA564	Superstructure engin coolant temperature sensor Error supply voltage sensors Engine reduction 25% (Mach-FL) No remedy text			E	1
6DA585	Superstructure engin coolant temperature sensor Error in the ground supply no reaction No remedy text			E	1
6DA605	Superstructure engin Intelligent alternator Communication error no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6DA608	Superstructure engine Intelligent alternator Line interruption no reaction Check wiring between control unit and components			E	1
6DA617	Superstructure engine Intelligent alternator Short circuit of load no reaction Check wiring between control unit and components			E	1
6DA66C	Superstructure engine Intelligent alternator Reg. deviation current value no reaction Check wiring between control unit and components			E	1
6DA66D	Superstructure engine Intelligent alternator Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components			E	1
6DA66E	Superstructure engine Intelligent alternator Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components			E	1
6DA66F	Superstructure engine Intelligent alternator Short circuit after ground Plus switch no reaction Check wiring between control unit and components			E	1
6DA670	Superstructure engine Intelligent alternator Short circuit after ground, ground switch no reaction Check wiring between control unit and components			E	1
6DA682	Superstructure engine Intelligent alternator Output current too high no reaction Check wiring between control unit and components			E	1
6DA70A	Superstructure engine Fuel filter pressure sensor Value above critical threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary			E	1
6DA721	Superstructure engine Fuel filter pressure sensor Voltage outside permissible range no reaction No remedy text			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6DA764	Superstructure engin Fuel filter pressure sensor Error supply voltage sensors no reaction No remedy text			E	1
6DA89E	Superstructure engin DOC Low conversion rate Power reduction Check AGN system			E	1
6DA8A0	Superstructure engin DOC Component removed Power reduction Check AGN system			E	1
6DA8A9	Superstructure engin DOC Leakage at post-injection no reaction Check AGN system			E	1
6DA921	Superstructure engin Air filter pressure switch 2 Voltage outside permissible range Engine reduction 25% (Mach-FL) No remedy text			E	1
6DA964	Superstructure engin Air filter pressure switch 2 Error supply voltage sensors Engine reduction 25% (Mach-FL) No remedy text			E	1
6DAA04	Superstructure engin Rail pressure sensor 2 short circuit to ground Power reduction Check wiring, sensors, high pressure pump			E	1
6DAA0D	Superstructure engin Rail pressure sensor 2 Short circuit after supply voltage or line interruption Power reduction Check wiring, sensors, high pressure pump			E	1
6DAA10	Superstructure engin Rail pressure sensor 2 Start pressure too low no reaction Check high pressure pump			E	1
6DAA12	Superstructure engin Rail pressure sensor 2 No signal dynamics Engine reduction 50% (Mach-FL) No remedy text			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6DAA13	Superstructure engin Rail pressure sensor 2 Leakage no reaction No remedy text			E	1
6DAA14	Superstructure engin Rail pressure sensor 2 Signal remains below nominal value Engine reduction 50% (Mach-FL) No remedy text			E	1
6DAA15	Superstructure engin Rail pressure sensor 2 Signal remains above nominal value Engine reduction 50% (Mach-FL) Check electrical error, check high pressure fuel pump.			E	1
6DAA16	Superstructure engin Rail pressure sensor 2 Plausibility error Engine reduction 50% (Mach-FL) No remedy text			E	1
6DAA21	Superstructure engin Rail pressure sensor 2 Voltage outside permissible range no reaction No remedy text			E	1
6DAA64	Superstructure engin Rail pressure sensor 2 Error supply voltage sensors Engine reduction 50% (Mach-FL) No remedy text			E	1
6DAB2D	Superstructure engin High pressure pump Installation error no reaction Check installation			E	1
6DAC09	Superstructure engin Coolant temperature charge air cooler Value above warning threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary			E	1
6DAC0A	Superstructure engin Coolant temperature charge air cooler Value above critical threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary			E	1
6DAC64	Superstructure engin Coolant temperature charge air cooler Error supply voltage sensors no reaction No remedy text			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6DAD03	Superstructure engin charge air temperature sensor short circuit to supply voltage no reaction Check wiring, sensor			E	1
6DAD04	Superstructure engin charge air temperature sensor short circuit to ground no reaction Check wiring, sensor			E	1
6DAD08	Superstructure engin charge air temperature sensor Line interruption no reaction Check wiring, sensor			E	1
6DAD09	Superstructure engin charge air temperature sensor Value above warning threshold no reaction Check wiring, sensor			E	1
6DAD0A	Superstructure engin charge air temperature sensor Value above critical threshold no reaction Check wiring, sensor			E	1
6DAD16	Superstructure engin charge air temperature sensor Plausibility error no reaction Check wiring, sensor			E	1
6DAD64	Superstructure engin charge air temperature sensor Error supply voltage sensors no reaction Check wiring, sensor			E	1
6DAE07	Superstructure engin Charge air temperature sensor 2 Value below warning threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary			E	1
6DAE09	Superstructure engin Charge air temperature sensor 2 Value above warning threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary			E	1
6DAE0A	Superstructure engin Charge air temperature sensor 2 Value above critical threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6DAE0C	Superstructure engin Charge air temperature sensor 2 Value below critical threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary			E	1
6DAE64	Superstructure engin Charge air temperature sensor 2 Error supply voltage sensors no reaction No remedy text			E	1
6DAF16	Superstructure engin Charge air temperature sensor suction pipe 2 Plausibility error no reaction No remedy text			E	1
6DAF64	Superstructure engin Charge air temperature sensor suction pipe 2 Error supply voltage sensors no reaction No remedy text			E	1
6DB009	Superstructure engin Charge air temperature sensor 2 Value above warning threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary			E	1
6DB00A	Superstructure engin Charge air temperature sensor 2 Value above critical threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary			E	1
6DB016	Superstructure engin Charge air temperature sensor 2 Plausibility error Engine reduction 25% (Mach-FL) No remedy text			E	1
6DB064	Superstructure engin Charge air temperature sensor 2 Error supply voltage sensors Engine reduction 25% (Mach-FL) No remedy text			E	1
6DB216	Superstructure engin Turbo charger rpm sensor 1 Plausibility error no reaction No remedy text			E	1
6DB304	Superstructure engin Engine short circuit to ground no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6DB309	Superstructure engine Engine Value above warning threshold no reaction No remedy text			E	1
6DB30A	Superstructure engine Engine Value above critical threshold no reaction No remedy text			E	1
6DB30D	Superstructure engine Engine Short circuit after supply voltage or line interruption no reaction Check wiring between control unit and components			E	1
6DB38C	Superstructure engine Engine High NOX emissions no reaction No remedy text			E	1
6DB3A5	Superstructure engine Engine NOX emission values too high no reaction Check the exhaust gas aftertreatment system AGN			E	1
6DB404	Superstructure engine Turbo charger rpm sensor 3 short circuit to ground no reaction Check wiring between control unit and components			E	1
6DB409	Superstructure engine Turbo charger rpm sensor 3 Value above warning threshold no reaction No remedy text			E	1
6DB40A	Superstructure engine Turbo charger rpm sensor 3 Value above critical threshold no reaction No remedy text			E	1
6DB40D	Superstructure engine Turbo charger rpm sensor 3 Short circuit after supply voltage or line interruption no reaction Check wiring between control unit and components			E	1
6DB46D	Superstructure engine Turbo charger rpm sensor 3 Short circuit after supply voltage Plus switch no reaction No remedy text			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6DB504	Superstructure engin Turbo charger rpm sensor 4 short circuit to ground no reaction Check wiring between control unit and components			E	1
6DB509	Superstructure engin Turbo charger rpm sensor 4 Value above warning threshold no reaction No remedy text			E	1
6DB50A	Superstructure engin Turbo charger rpm sensor 4 Value above critical threshold no reaction No remedy text			E	1
6DB50D	Superstructure engin Turbo charger rpm sensor 4 Short circuit after supply voltage or line interruption no reaction Check wiring between control unit and components			E	1
6DB58E	Superstructure engin Turbo charger rpm sensor 4 Crankshaft and camshaft rpm sensors reversed no reaction No remedy text			E	1
6DB653	Superstructure engin Monitoring system engine control unit Error plausibility starter actutation no reaction Check control unit			E	1
6DB654	Superstructure engin Monitoring system engine control unit Ecu internal error no reaction Check components			E	1
6DB65F	Superstructure engin Monitoring system engine control unit Error emerg. stop no reaction Check control unit			E	1
6DB660	Superstructure engin Monitoring system engine control unit PME CAN Error no reaction Check control unit			E	1
6DB665	Superstructure engin Monitoring system engine control unit Fuel injector plausibility error no reaction Check control unit			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6DB671	Superstructure engin Monitoring system engine control unit Injection plausibility, error in fuel injector monitoring no reaction Check control unit			E	1
6DB709	Superstructure engin Control unit temperature Value above warning threshold no reaction Check operation status of engine			E	1
6DB70A	Superstructure engin Control unit temperature Value above critical threshold no reaction Check operation status of engine			E	1
6DB764	Superstructure engin Control unit temperature Error supply voltage sensors Engine reduction 50% (Mach-FL) No remedy text			E	1
6DB855	Superstructure engin Pressure relief valve high pressure injection syst Too many activations no reaction Check operation status of engine			E	1
6DB856	Superstructure engin Pressure relief valve high pressure injection syst Valve open Engine derating 25% (Mach-FL) Check operation status of engine			E	1
6DB908	Superstructure engin Digital input emerg. start Line interruption no reaction Check wiring between control unit and components			E	1
6DB921	Superstructure engin Digital input emerg. start Voltage outside permissible range no reaction Check wiring between control unit and components			E	1
6DB964	Superstructure engin Digital input emerg. start Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6DBA21	Superstructure engin Piston cooling pressure sensor 1 Voltage outside permissible range no reaction No remedy text			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6DBA64	Superstructure engin Piston cooling pressure sensor 1 Error supply voltage sensors no reaction No remedy text			E	1
6DBB95	Superstructure engin Piston cooling pressure sensor 2 Line interruption at engine plug Engine reduction 25% (Mach-FL) Check wiring between control unit and components			E	1
6DBB96	Superstructure engin Piston cooling pressure sensor 2 Line interruption at vehicle plug Engine reduction 25% (Mach-FL) Check wiring between control unit and components			E	1
6DBC05	Superstructure engin Tachograph Communication error no reaction Check wiring between control unit and components			E	1
6DBC07	Superstructure engin Tachograph Value below warning threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary			E	1
6DBC09	Superstructure engin Tachograph Value above warning threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary			E	1
6DBC0A	Superstructure engin Tachograph Value above critical threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary			E	1
6DBC0C	Superstructure engin Tachograph Value below critical threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary			E	1
6DBC64	Superstructure engin Tachograph Error supply voltage sensors no reaction No remedy text			E	1
6DBE08	Superstructure engin Data transfer CAN 4 Line interruption no reaction Check wiring, wiring harness			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6DBE18	Superstructure engin Data transfer CAN 4 Short circuit no reaction Check wiring between control unit and components			E	1
6DBF09	Superstructure engin Turbocharger 1 exhaust temperature Value above warning threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary			E	1
6DBF0A	Superstructure engin Turbocharger 1 exhaust temperature Value above critical threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary			E	1
6DC005	Superstructure engin Climatic control unit Communication error no reaction Check wiring			E	1
6DC109	Superstructure engin Turbocharger 3 exhaust temperature Value above warning threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary			E	1
6DC10A	Superstructure engin Turbocharger 3 exhaust temperature Value above critical threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary			E	1
6DC209	Superstructure engin SCR system (HC overload) Value above warning threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary			E	1
6DC20A	Superstructure engin SCR system (HC overload) Value above critical threshold Power reduction Check the exhaust gas aftertreatment system AGN			E	1
6DC305	Superstructure engin Cylinder head temperature sensor Communication error no reaction Check wiring between control unit and components			E	1
6DC40A	Superstructure engin Water in fuel sensor 2 Value above critical threshold Engine reduction 25% (Mach-FL) No remedy text			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6DC421	Superstructure engin Water in fuel sensor 2 Voltage outside permissible range Engine reduction 25% (Mach-FL) No remedy text			E	1
6DC464	Superstructure engin Water in fuel sensor 2 Error supply voltage sensors Engine reduction 25% (Mach-FL) No remedy text			E	1
6DC558	Superstructure engin Exhaust return regulation Error auto calibration no reaction Check mechanics			E	1
6DC559	Superstructure engin Exhaust return regulation Error teach in procedure no reaction Check mechanics			E	1
6DC55A	Superstructure engin Exhaust return regulation Learned value lost in operation no reaction Check mechanics			E	1
6DC680	Superstructure engin Air flap excessive speed no reaction No remedy text			E	1
6DC75C	Superstructure engin SCR urea Temperature Temperature measurement urea too high Inducement system activation (Mach-FL) Check AdBlue Heating system			E	1
6DC858	Superstructure engin Exhaust flap regulation Error auto calibration Inducement system activation (Mach-FL) Check mechanics			E	1
6DC859	Superstructure engin Exhaust flap regulation Error teach in procedure Inducement system activation (Mach-FL) Check mechanics			E	1
6DC85A	Superstructure engin Exhaust flap regulation Learned value lost in operation Inducement system activation (Mach-FL) Check mechanics			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6DC958	Superstructure engin Exhaust flap regulation 2 Error auto calibration Inducement system activation (Mach-FL) Check mechanics			E	1
6DC959	Superstructure engin Exhaust flap regulation 2 Error teach in procedure Inducement system activation (Mach-FL) Check mechanics			E	1
6DC95A	Superstructure engin Exhaust flap regulation 2 Learned value lost in operation Inducement system activation (Mach-FL) Check mechanics			E	1
6DCA21	Superstructure engin battle switch Voltage outside permissible range no reaction Check wiring between control unit and components			E	1
6DCA5E	Superstructure engin battle switch activated no reaction Report all error parameters to Service			E	1
6DCA64	Superstructure engin battle switch Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6DCC05	Superstructure engin Safety system PME CAN Communication error no reaction Check wiring, CAN-participant			E	1
6DCE33	Superstructure engin J1939 Prop0 Data transfer CAN problematic no reaction Check wiring, CAN-participant			E	1
6DCF03	Superstructure engin Input display alternator short circuit to supply voltage no reaction Check wiring, wiring harness			E	1
6DCF0B	Superstructure engin Input display alternator Short circuit after ground or line interruption no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6DCF21	Superstructure engine Input display alternator Voltage outside permissible range no reaction Check wiring, wiring harness			E	1
6DCF64	Superstructure engine Input display alternator Error supply voltage sensors no reaction Check wiring between control unit and components			E	1
6DD061	Superstructure engine Particle filter DPF Regeneration failed no reaction Check operation status of engine			E	1
6DD062	Superstructure engine Particle filter DPF Regeneration stopped (temp. too low) no reaction Check operation status of engine			E	1
6DD063	Superstructure engine Particle filter DPF Regeneration stopped (temp. too low) no reaction Check operation status of engine			E	1
6DD068	Superstructure engine Particle filter DPF Estimation of ash load not plausible (too high) no reaction Check operation status of engine			E	1
6DD069	Superstructure engine Particle filter DPF Estimation of ash load not plausible (too low) no reaction Check operation status of engine			E	1
6DD077	Superstructure engine Particle filter DPF Particle load above warning threshold no reaction Report all error parameters to Service			E	1
6DD078	Superstructure engine Particle filter DPF Particle load above critical threshold no reaction Report all error parameters to Service			E	1
6DD079	Superstructure engine Particle filter DPF Ash load above warning threshold no reaction Report all error parameters to Service			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6DD07A	Superstructure engin Particle filter DPF Ash load above critical threshold no reaction Report all error parameters to Service			E	1
6DD091	Superstructure engin Particle filter DPF Motor stop during manual regeneration no reaction No remedy text			E	1
6DD099	Superstructure engin Particle filter DPF Maximum operating duration without manual regeneration exceeded Power reduction Check the exhaust gas aftertreatment system AGN			E	1
6DD0A1	Superstructure engin Particle filter DPF Differential pressure out of valid value range/too high Power reduction Check the exhaust gas aftertreatment system AGN			E	1
6DD0A2	Superstructure engin Particle filter DPF Differential pressure out of valid value range/too low Power reduction Check the exhaust gas aftertreatment system AGN			E	1
6DD103	Superstructure engin Travel pedal sensor 1 (voltage) short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6DD10B	Superstructure engin Travel pedal sensor 1 (voltage) Short circuit after ground or line interruption no reaction Check wiring between control unit and components			E	1
6DD164	Superstructure engin Travel pedal sensor 1 (voltage) Error supply voltage sensors Engine reduction 50% (Mach-FL) No remedy text			E	1
6DD203	Superstructure engin Travel pedal sensor 1 (current) short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6DD20B	Superstructure engin Travel pedal sensor 1 (current) Short circuit after ground or line interruption no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6DD264	Superstructure engin Travel pedal sensor 1 (current) Error supply voltage sensors Engine reduction 50% (Mach-FL) No remedy text			E	1
6DD303	Superstructure engin Travel pedal sensor 2 (voltage) short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6DD30B	Superstructure engin Travel pedal sensor 2 (voltage) Short circuit after ground or line interruption no reaction Check wiring between control unit and components			E	1
6DD364	Superstructure engin Travel pedal sensor 2 (voltage) Error supply voltage sensors Engine reduction 50% (Mach-FL) No remedy text			E	1
6DD403	Superstructure engin Travel pedal sensor 2 (current) short circuit to supply voltage no reaction Check wiring between control unit and components			E	1
6DD40B	Superstructure engin Travel pedal sensor 2 (current) Short circuit after ground or line interruption no reaction Check wiring between control unit and components			E	1
6DD464	Superstructure engin Travel pedal sensor 2 (current) Error supply voltage sensors Engine reduction 50% (Mach-FL) No remedy text			E	1
6DD505	Superstructure engin Exhaust temp. before turbocharger (CMR Sensor) Communication error no reaction Check wiring			E	1
6DD533	Superstructure engin Exhaust temp. before turbocharger (CMR Sensor) Data transfer CAN problematic no reaction Check wiring between control unit and components			E	1
6DD69C	Superstructure engin Engine oil Change interval almost reached no reaction Check oil quality, change the oil			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6DD69D	Superstructure engin Engine oil Change interval reached no reaction Check oil quality, change the oil			E	1
6DD72D	Superstructure engin Temp sensor exhaust aftertreatment (AGN) Installation error Power reduction Check wiring, installation	Ignition contro l uni		E	1
6DD921	Superstructure engin Switch idle rpm specification Voltage outside permissible range no reaction Check wiring between control unit and components			E	1
6DD964	Superstructure engin Switch idle rpm specification Error supply voltage sensors no reaction No remedy text			E	1
6DDA03	Superstructure engin Coolant fill level sensor short circuit to supply voltage no reaction Check wiring between control unit and component - S710			E	1
6DDA0B	Superstructure engin Coolant fill level sensor Short circuit after ground or line interruption no reaction Check wiring between control unit and components			E	1
6DDA21	Superstructure engin Coolant fill level sensor Voltage outside permissible range no reaction No remedy text			E	1
6DDB33	Superstructure engin J1939 Prop3 Data transfer CAN problematic no reaction Check wiring, CAN-participant			E	1
6DDC66	Superstructure engin Engine run turbulant Injection qty. correction of a cyl. too high no reaction Report all error parameters to Service			E	1
6DDC67	Superstructure engin Engine run turbulant Deviation segment rpm of a cyl. too high no reaction Report all error parameters to Service			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6DDD6A	Superstructure engine Engine protection power reduction Air intake manifold temperature no reaction Check operation status of engine			E	1
6DDD72	Superstructure engine Engine protection power reduction Charge air pr. too high no reaction Report all error parameters to Service			E	1
6DDD73	Superstructure engine Engine protection power reduction Charge air pr. too low no reaction Report all error parameters to Service			E	1
6DDD7F	Superstructure engine Engine protection power reduction Turbocharger protection active no reaction No remedy text			E	1
6DDE05	Superstructure engine SCR control unit Communication error Engine reduction (Mach-FL) Check wiring between control unit and components			E	1
6DDE7B	Superstructure engine SCR control unit Emission relevant error Engine reduction (Mach-FL) No remedy text			E	1
6DDF16	Superstructure engine Rpm sensor signal camshaft (voltage) Plausibility error no reaction Check operation status of engine			E	1
6DE016	Superstructure engine Rpm sensor signal crankshaft (voltage) Plausibility error no reaction Check operation status of engine			E	1
6DE15B	Superstructure engine Digital input Starter signal 2 Start block due to a short circuit no reaction Report all error parameters to Service			E	1
6DE235	Superstructure engine Power reduction to protect AGN-Systems Excess temperature error no reaction Report all error parameters to Service			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6DE364	Superstructure engin Pr. sensor inlet AGR Error supply voltage sensors no reaction Check wiring, sensor			E	1
6DE464	Superstructure engin Temperature sensor inlet AGR Error supply voltage sensors no reaction Check wiring, sensor			E	1
6DE721	Superstructure engin Droop Switch Voltage outside permissible range no reaction No remedy text			E	1
6DE764	Superstructure engin Droop Switch Error supply voltage sensors no reaction No remedy text			E	1
6DE821	Superstructure engin Switch suppress error reactions Voltage outside permissible range no reaction No remedy text			E	1
6DE864	Superstructure engin Switch suppress error reactions Error supply voltage sensors no reaction No remedy text			E	1
6DE921	Superstructure engin Switch Overspeed recognition Voltage outside permissible range no reaction No remedy text			E	1
6DE964	Superstructure engin Switch Overspeed recognition Error supply voltage sensors no reaction No remedy text			E	1
6DEA08	Superstructure engin Alternator (voltage regulation) Line interruption no reaction Check wiring between control unit and components			E	1
6DEA6C	Superstructure engin Alternator (voltage regulation) Reg. deviation current value no reaction Report all error parameters to Service			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6DEA6D	Superstructure engin Alternator (voltage regulation) Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components			E	1
6DEA6E	Superstructure engin Alternator (voltage regulation) Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components			E	1
6DEA6F	Superstructure engin Alternator (voltage regulation) Short circuit after ground Plus switch no reaction Check wiring between control unit and components			E	1
6DEA70	Superstructure engin Alternator (voltage regulation) Short circuit after ground, ground switch no reaction Check wiring between control unit and components			E	1
6DEB08	Superstructure engin Alternator (shut-off function) Line interruption no reaction Check wiring between control unit and components			E	1
6DEB6C	Superstructure engin Alternator (shut-off function) Reg. deviation current value no reaction Report all error parameters to Service			E	1
6DEB6D	Superstructure engin Alternator (shut-off function) Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components			E	1
6DEB6E	Superstructure engin Alternator (shut-off function) Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components			E	1
6DEB6F	Superstructure engin Alternator (shut-off function) Short circuit after ground Plus switch no reaction Check wiring between control unit and components			E	1
6DEB70	Superstructure engin Alternator (shut-off function) Short circuit after ground, ground switch no reaction Check wiring between control unit and components			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6DEB82	Superstructure engin Alternator (shut-off function) Output current too high no reaction Check wiring between control unit and component - G700			E	1
6DEC05	Superstructure engin Wastegate Regulating valve Communication error no reaction Check wiring, flaps (smart components)			E	1
6DED08	Superstructure engin Machine configurable lamp outlet 3 Line interruption no reaction Check wiring between control unit and components			E	1
6DED6C	Superstructure engin Machine configurable lamp outlet 3 Reg. deviation current value no reaction Check wiring between control unit and components			E	1
6DED6D	Superstructure engin Machine configurable lamp outlet 3 Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components			E	1
6DED6E	Superstructure engin Machine configurable lamp outlet 3 Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components			E	1
6DED6F	Superstructure engin Machine configurable lamp outlet 3 Short circuit after ground Plus switch no reaction Check wiring between control unit and components			E	1
6DED70	Superstructure engin Machine configurable lamp outlet 3 Short circuit after ground, ground switch no reaction Check wiring between control unit and components			E	1
6DED82	Superstructure engin Machine configurable lamp outlet 3 Output current too high no reaction Check wiring between control unit and components			E	1
6DEE55	Superstructure engin Pr. relief valve high pr. injection system 2 Too many activations no reaction No remedy text			E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6DEE56	Superstructure engin Pr. relief valve high pr. injection system 2 Valve open Engine reduction 50% (Mach-FL) No remedy text			E	1
6DF521	Superstructure engin Oil filter 2 Voltage outside permissible range no reaction No remedy text			E	1
6DF564	Superstructure engin Oil filter 2 Error supply voltage sensors no reaction No remedy text			E	1
6DF97D	Superstructure engin Injection system Comp. factors qty. match outside tol. range no reaction Report all error parameters to Service			E	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
702201	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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
702301	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
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
703000	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
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
70900A	Power supply unit: internal error Signal to Done-Pin incorrect (0) Shut-down Check ZE/bus motherboard/power supply unit			E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
70900B	Power supply unit: internal error Signal to Done-Pin incorrect (1) Shut-down Check ZE/bus motherboard/power supply unit			E	2
70900D	Power supply unit: internal error Register fault FPGA Shut-down Check ZE/bus motherboard/power supply unit			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
709014	Power supply unit: internal error SCI transmission error, time exceeded (overrun) Shut-down Replace power supply unit			E	2
70901E	Power supply unit: internal error LCA-design time exceeded (ZE 0 faulty/missing) 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
709028	Power supply unit: internal error PIC time exceeded Shut-down Replace power supply unit			E	2
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
709032	Power supply unit: internal error Bus controller addressing/time exceeded/data transmission (P1) Shut-down Replace power supply unit			E	2
70903C	Power supply unit: internal error Signal error "Control on" different 0, relay contact sticking Shut-down Check plug/connections/relay			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 Initialising error excess/lack of voltage Shut-down Replace power supply unit			E	2
709051	Power supply unit: internal error Lack of voltage (P0 = channel, P1 = value) Shut-down Check voltage supply, replace power supply unit			E	2
709052	Power supply unit: internal error Excess voltage (P0 = channel, P1 = value) Shut-down Check voltage supply, 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
709063	Power supply unit: internal error Power supply unit off, power supply unit shut-down (note parameter) Shut-down Replace power supply unit			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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
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
8D028A	Engine uppercarr. Air filter Combi sensor (humidity) Determination of the specific humidity faulty no reaction No remedy text	A750		E	1
8D028B	Engine uppercarr. Air filter Combi sensor (humidity) Determination of the relative humidity faulty no reaction No remedy text	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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D0393	Engine uppercarr. Air filter Combi sensor (pressure) Error during pressure measurement (Trican sensor) Engine reduction 25% (Mach-FL) No remedy text	A750		E	1
8D0416	Engine uppercarr. Air filter Combi sensor (temperature) Plausibility error no reaction Check components	A750		E	1
8D0494	Engine uppercarr. Air filter Combi sensor (temperature) Error during pressure measurement (Trican sensor) Engine reduction 25% (Mach-FL) No remedy text	A750		E	1
8D0505	Engine uppercarr. Air filter Combi sensor Communication error Engine derating 25% (Mach-FL) Check wiring, CAN-participant	A750		E	1
8D0592	Engine uppercarr. Air filter Combi sensor Internal temperature error Engine reduction 25% (Mach-FL) No remedy text	A750		E	1
8D0603	Engine uppercarr. Charge air temperature sensor suction pipe short circuit to supply voltage no reaction Check wiring between control unit and components	A750		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		E	1
8D0608	Engine uppercarr. Charge air temperature sensor suction pipe Line interruption no reaction Check wiring between control unit and components	A750		E	1
8D0609	Engine uppercarr. Charge air temperature sensor suction pipe Value above warning threshold no reaction Check operation status of engine	A750		E	1
8D060A	Engine uppercarr. Charge air temperature sensor suction pipe Value above critical threshold no reaction Check operation status of engine	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D0616	Engine uppercarr. Charge air temperature sensor suction pipe Plausibility error no reaction Check components	A750		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		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		E	1
8D0707	Engine uppercarr. charge air pressure sensor Value below warning threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary	A750		E	1
8D0709	Engine uppercarr. charge air pressure sensor Value above warning threshold Engine derating 25% (Mach-FL) Check operation status of engine	A750		E	1
8D070A	Engine uppercarr. charge air pressure sensor Value above critical threshold Engine derating 25% (Mach-FL) Check operation status of engine	A750		E	1
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		E	1
8D070C	Engine uppercarr. charge air pressure sensor Value below critical threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary	A750		E	1
8D0714	Engine uppercarr. charge air pressure sensor Signal remains below nominal value no reaction Air intake manifold, check wastegate	A750		E	1
8D0715	Engine uppercarr. charge air pressure sensor Signal remains above nominal value no reaction Air intake manifold, check wastegate	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D0716	Engine uppercarr. charge air pressure sensor Plausibility error Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		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		E	1
8D0774	Engine uppercarr. charge air pressure sensor Lower limit value for regulation reached no reaction Air intake manifold, check wastegate	A750		E	1
8D0775	Engine uppercarr. charge air pressure sensor Upper limit value for regulation reached no reaction Air intake manifold, check wastegate	A750		E	1
8D0803	Engine uppercarr. Ambient temperature sensor short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D0804	Engine uppercarr. Ambient temperature sensor short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D0808	Engine uppercarr. Ambient temperature sensor Line interruption no reaction Check wiring between control unit and components	A750		E	1
8D0816	Engine uppercarr. Ambient temperature sensor Plausibility error no reaction Check components	A750		E	1
8D0864	Engine uppercarr. Ambient temperature sensor Error supply voltage sensors no reaction Check wiring between control unit and components	A750		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		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D0904	Engine uppercarr. coolant temperature sensor short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D0908	Engine uppercarr. coolant temperature sensor Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D0909	Engine uppercarr. coolant temperature sensor Value above warning threshold no reaction Check operation status of engine	A750		E	1
8D090A	Engine uppercarr. coolant temperature sensor Value above critical threshold no reaction Check operation status of engine	A750		E	1
8D0916	Engine uppercarr. coolant temperature sensor Plausibility error no reaction Check components	A750		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		E	1
8D0A03	Engine uppercarr. Coolant level sensor short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D0A07	Engine uppercarr. Coolant level sensor Value below warning threshold no reaction Check coolant level	A750		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		E	1
8D0A21	Engine uppercarr. Coolant level sensor Voltage outside permissible range no reaction Check wiring between control unit and components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D0A64	Engine uppercarr. Coolant level sensor Error supply voltage sensors no reaction Check wiring between control unit and components	A750		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		E	1
8D0B09	Engine uppercarr. Rail pressure sensor Value above warning threshold no reaction Check operation status of engine	A750		E	1
8D0B0A	Engine uppercarr. Rail pressure sensor Value above critical threshold Engine derating 50% (Mach-FL) Check operation status of engine	A750		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		E	1
8D0B0E	Engine uppercarr. Rail pressure sensor Signal increases too fast no reaction Check wiring between control unit and components	A750		E	1
8D0B0F	Engine uppercarr. Rail pressure sensor Signal decreases too fast no reaction Check wiring between control unit and components	A750		E	1
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		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		E	1
8D0B12	Engine uppercarr. Rail pressure sensor No signal dynamics Engine derating 50% (Mach-FL) Check wiring between control unit and components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D0B13	Engine uppercarr. Rail pressure sensor Leakage no reaction Check fuel circuit, rail sensors, pressure relief valve 1, high pressure pump, wiring	A750		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		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		E	1
8D0B16	Engine uppercarr. Rail pressure sensor Plausibility error no reaction No remedy text	A750		E	1
8D0B21	Engine uppercarr. Rail pressure sensor Voltage outside permissible range no reaction No remedy text	A750		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		E	1
8D0C14	Engine uppercarr. Fuel supply valve (VCV) flow regulation Signal remains below nominal value no reaction Check wiring, components, control unit	A750		E	1
8D0C15	Engine uppercarr. Fuel supply valve (VCV) flow regulation Signal remains above nominal value no reaction Check wiring, components, control unit	A750		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		E	1
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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		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		E	1
8D0E08	Engine uppercarr. Fuel temperature sensor Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D0E09	Engine uppercarr. Fuel temperature sensor Value above warning threshold no reaction Check operation status of engine	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D0E0A	Engine uppercarr. Fuel temperature sensor Value above critical threshold Engine derating 25% (Mach-FL) Check operation status of engine	A750		E	1
8D0E16	Engine uppercarr. Fuel temperature sensor Plausibility error no reaction Check components	A750		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		E	1
8D0F03	Engine uppercarr. Oil level sensor short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D0F07	Engine uppercarr. Oil level sensor Value below warning threshold no reaction Check oil level, oil level sensor, engine must be at incline 0degrees	A750		E	1
8D0F09	Engine uppercarr. Oil level sensor Value above warning threshold no reaction Check operation status of engine	A750		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		E	1
8D0F0C	Engine uppercarr. Oil level sensor Value below critical threshold no reaction Check oil level, oil level sensor, engine must be at incline 0degrees	A750		E	1
8D0F64	Engine uppercarr. Oil level sensor Error supply voltage sensors no reaction Check wiring between control unit and components	A750		E	1
8D1003	Engine uppercarr. oil pressure sensor short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D1007	Engine uppercarr. oil pressure sensor Value below warning threshold no reaction Check operation status of engine	A750		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		E	1
8D100C	Engine uppercarr. oil pressure sensor Value below critical threshold Engine derating 25% (Mach-FL) Check operation status of engine	A750		E	1
8D1016	Engine uppercarr. oil pressure sensor Plausibility error Engine derating 25% (Mach-FL) Check operation status of engine	A750		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		E	1
8D1103	Engine uppercarr. oil temperature sensor short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D1104	Engine uppercarr. oil temperature sensor short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D1108	Engine uppercarr. oil temperature sensor Line interruption no reaction Check wiring between control unit and components	A750		E	1
8D1109	Engine uppercarr. oil temperature sensor Value above warning threshold no reaction Check operation status of engine	A750		E	1
8D110A	Engine uppercarr. oil temperature sensor Value above critical threshold Engine derating 25% (Mach-FL) Check operation status of engine	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D110B	Engine uppercarr. oil temperature sensor Short circuit after ground or line interruption no reaction Check wiring between control unit and components	A750		E	1
8D1116	Engine uppercarr. oil temperature sensor Plausibility error no reaction No remedy text	A750		E	1
8D1164	Engine uppercarr. oil temperature sensor Error supply voltage sensors no reaction Check wiring between control unit and components	A750		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		E	1
8D1204	Engine uppercarr. Water level probe fuel filter short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D1208	Engine uppercarr. Water level probe fuel filter Line interruption no reaction Check wiring between control unit and components	A750		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		E	1
8D1221	Engine uppercarr. Water level probe fuel filter Voltage outside permissible range no reaction Check wiring between control unit and components	A750		E	1
8D1264	Engine uppercarr. Water level probe fuel filter Error supply voltage sensors no reaction Check wiring between control unit and components	A750		E	1
8D1303	Engine uppercarr. Rpm sensor camshaft short circuit to supply voltage no reaction Check wiring between control unit and components	A750		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		E	1
8D1308	Engine uppercarr. Rpm sensor camshaft Line interruption no reaction Check wiring between control unit and components	A750		E	1
8D1316	Engine uppercarr. Rpm sensor camshaft Plausibility error no reaction Check rpm sensors	A750		E	1
8D1364	Engine uppercarr. Rpm sensor camshaft Error supply voltage sensors Engine reduction 50% (Mach-FL) No remedy text	A750		E	1
8D1385	Engine uppercarr. Rpm sensor camshaft Error in the ground supply Engine reduction 50% (Mach-FL) Check wiring between control unit and component - B713	A750		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		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		E	1
8D1408	Engine uppercarr. Rpm sensor crankshaft Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D1416	Engine uppercarr. Rpm sensor crankshaft Plausibility error Engine derating 25% (Mach-FL) Check rpm sensors	A750		E	1
8D1464	Engine uppercarr. Rpm sensor crankshaft Error supply voltage sensors Engine reduction 50% (Mach-FL) No remedy text	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D1485	Engine uppercarr. Rpm sensor crankshaft Error in the ground supply Engine reduction 50% (Mach-FL) Check wiring between control unit and component - B711	A750		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
8D1598	Engine uppercarr. Engine speed No rpm detected with actuated starter no reaction Check wiring, starter	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		E	1
8D1604	Engine uppercarr. Status Heat flange 1 short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D1608	Engine uppercarr. Status Heat flange 1 Line interruption no reaction Check wiring between control unit and components	A750		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		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		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		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D1670	Engine uppercarr. Status Heat flange 1 Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750		E	1
8D1703	Engine uppercarr. Heat flange 1 short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D1704	Engine uppercarr. Heat flange 1 short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D1708	Engine uppercarr. Heat flange 1 Line interruption no reaction Check wiring between control unit and components	A750		E	1
8D176C	Engine uppercarr. Heat flange 1 Reg. deviation current value no reaction Report all error parameters to Service	A750		E	1
8D176D	Engine uppercarr. Heat flange 1 Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750		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		E	1
8D176F	Engine uppercarr. Heat flange 1 Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750		E	1
8D1770	Engine uppercarr. Heat flange 1 Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750		E	1
8D1782	Engine uppercarr. Heat flange 1 Output current too high no reaction Check wiring between control unit and component - E703	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D1803	Engine uppercarr. Status Heat flange 2 short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D1804	Engine uppercarr. Status Heat flange 2 short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D1808	Engine uppercarr. Status Heat flange 2 Line interruption no reaction Check wiring between control unit and components	A750		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		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		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		E	1
8D1870	Engine uppercarr. Status Heat flange 2 Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750		E	1
8D1903	Engine uppercarr. Heat flange 2 short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D1904	Engine uppercarr. Heat flange 2 short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D1908	Engine uppercarr. Heat flange 2 Line interruption no reaction Check wiring between control unit and components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D196C	Engine uppercarr. Heat flange 2 Reg. deviation current value no reaction Report all error parameters to Service	A750		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		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		E	1
8D196F	Engine uppercarr. Heat flange 2 Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750		E	1
8D1970	Engine uppercarr. Heat flange 2 Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750		E	1
8D1982	Engine uppercarr. Heat flange 2 Output current too high no reaction Check wiring between control unit and component - E704	A750		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		E	1
8D1A04	Engine uppercarr. Urea (AdBlue) Tank heater valve short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D1A08	Engine uppercarr. Urea (AdBlue) Tank heater valve Line interruption no reaction Check wiring between control unit and components	A750		E	1
8D1A49	Engine uppercarr. Urea (AdBlue) Tank heater valve Error blocked open no reaction Check components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D1A4A	Engine uppercarr. Urea (AdBlue) Tank heater valve Error blocked closed no reaction Check components	A750		E	1
8D1A6C	Engine uppercarr. Urea (AdBlue) Tank heater valve Reg. deviation current value no reaction Report all error parameters to Service	A750		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		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		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		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		E	1
8D1A82	Engine uppercarr. Urea (AdBlue) Tank heater valve Output current too high no reaction Check wiring between control unit and component - Y770	A750		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		E	1
8D1B04	Engine uppercarr. Urea (AdBlue) Pump heater valve short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D1B08	Engine uppercarr. Urea (AdBlue) Pump heater valve Line interruption no reaction Check wiring between control unit and components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D1B49	Engine uppercarr. Urea (AdBlue) Pump heater valve Error blocked open no reaction Check components	A750		E	1
8D1B4A	Engine uppercarr. Urea (AdBlue) Pump heater valve Error blocked closed no reaction Check components	A750		E	1
8D1B6C	Engine uppercarr. Urea (AdBlue) Pump heater valve Reg. deviation current value no reaction Report all error parameters to Service	A750		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		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		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		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		E	1
8D1B82	Engine uppercarr. Urea (AdBlue) Pump heater valve Output current too high no reaction Check wiring between control unit and component - Y770	A750		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		E	1
8D1C04	Engine uppercarr. Urea (AdBlue) Hose heater 1 short circuit to ground no reaction Check wiring between control unit and components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D1C08	Engine uppercarr. Urea (AdBlue) Hose heater 1 Line interruption no reaction Check wiring between control unit and components	A750		E	1
8D1C6C	Engine uppercarr. Urea (AdBlue) Hose heater 1 Reg. deviation current value no reaction Report all error parameters to Service	A750		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		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		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		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		E	1
8D1C82	Engine uppercarr. Urea (AdBlue) Hose heater 1 Output current too high no reaction Check wiring between control unit and component - E770	A750		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		E	1
8D1D04	Engine uppercarr. Urea (AdBlue) Hose heater 2 short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D1D08	Engine uppercarr. Urea (AdBlue) Hose heater 2 Line interruption no reaction Check wiring between control unit and components	A750		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		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		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		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		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		E	1
8D1D82	Engine uppercarr. Urea (AdBlue) Hose heater 2 Output current too high no reaction Check wiring between control unit and component - E771	A750		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		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		E	1
8D1E14	Engine uppercarr. SCR Urea (AdBlue) pressure sensor Signal remains below nominal value no reaction Check SCR-System	A750		E	1
8D1E16	Engine uppercarr. SCR Urea (AdBlue) pressure sensor Plausibility error no reaction Check components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D1E26	Engine uppercarr. SCR Urea (AdBlue) pressure sensor Urea (AdBlue) line filling failed Inducement system activation (Mach-FL) Check SCR-System	A750		E	1
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		E	1
8D1E64	Engine uppercarr. SCR Urea (AdBlue) pressure sensor Error supply voltage sensors no reaction Check wiring between control unit and components	A750		E	1
8D1E75	Engine uppercarr. SCR Urea (AdBlue) pressure sensor Upper limit value for regulation reached no reaction Check SCR System	A750		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		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		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		E	1
8D1F09	Engine uppercarr. SCR Urea (AdBlue) temperature sensor Value above warning threshold no reaction Check operation status of engine	A750		E	1
8D1F0A	Engine uppercarr. SCR Urea (AdBlue) temperature sensor Value above critical threshold no reaction Check operation status of engine	A750		E	1
8D1F16	Engine uppercarr. SCR Urea (AdBlue) temperature sensor Plausibility error no reaction Check components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D1F64	Engine uppercarr. SCR Urea (AdBlue) temperature sensor Error supply voltage sensors no reaction Check wiring between control unit and components	A750		E	1
8D2003	Engine uppercarr. SCR Urea (AdBlue) pump short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D2004	Engine uppercarr. SCR Urea (AdBlue) pump short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D2008	Engine uppercarr. SCR Urea (AdBlue) pump Line interruption no reaction Check wiring between control unit and components	A750		E	1
8D2017	Engine uppercarr. SCR Urea (AdBlue) pump Short circuit of load no reaction Check wiring between control unit and components	A750		E	1
8D206C	Engine uppercarr. SCR Urea (AdBlue) pump Reg. deviation current value no reaction Report all error parameters to Service	A750		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		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		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		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		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D2082	Engine uppercarr. SCR Urea (AdBlue) pump Output current too high Engine reduction (Mach-FL) Check wiring between control unit and component - A776.X1	A750		E	1
8D2103	Engine uppercarr. SCR vent valve short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D2104	Engine uppercarr. SCR vent valve short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D2108	Engine uppercarr. SCR vent valve Line interruption no reaction Check wiring between control unit and components	A750		E	1
8D216C	Engine uppercarr. SCR vent valve Reg. deviation current value no reaction Report all error parameters to Service	A750		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		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		E	1
8D216F	Engine uppercarr. SCR vent valve Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750		E	1
8D2170	Engine uppercarr. SCR vent valve Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750		E	1
8D2182	Engine uppercarr. SCR vent valve Output current too high Engine reduction (Mach-FL) Check wiring between control unit and component - A776.X2	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D2203	Engine uppercarr. SCR connection compressed air short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D2204	Engine uppercarr. SCR connection compressed air short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D2208	Engine uppercarr. SCR connection compressed air Line interruption no reaction Check wiring between control unit and components	A750		E	1
8D2217	Engine uppercarr. SCR connection compressed air Short circuit of load no reaction Check wiring between control unit and components	A750		E	1
8D226C	Engine uppercarr. SCR connection compressed air Reg. deviation current value no reaction Report all error parameters to Service	A750		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		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		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		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		E	1
8D2282	Engine uppercarr. SCR connection compressed air Output current too high Engine reduction (Mach-FL) Check wiring between control unit and component - A709	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D2303	Engine uppercarr. SCR Air pressure sensor short circuit to supply voltage no reaction Check wiring between control unit and components	A750		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		E	1
8D2316	Engine uppercarr. SCR Air pressure sensor Plausibility error no reaction Check components	A750		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		E	1
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		E	1
8D2364	Engine uppercarr. SCR Air pressure sensor Error supply voltage sensors no reaction Check wiring between control unit and components	A750		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		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		E	1
8D2408	Engine uppercarr. Urea (AdBlue)-Tank Temperature sensor Line interruption no reaction Check wiring between control unit and components	A750		E	1
8D2409	Engine uppercarr. Urea (AdBlue)-Tank Temperature sensor Value above warning threshold no reaction Check operation status of engine	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D2416	Engine uppercarr. Urea (AdBlue)-Tank Temperature sensor Plausibility error no reaction Check components	A750		E	1
8D2418	Engine uppercarr. Urea (AdBlue)-Tank Temperature sensor Short circuit no reaction Check wiring between control unit and components	A750		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		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		E	1
8D2508	Engine uppercarr. Urea (AdBlue)-Tank Fill level sensor Line interruption Inducement system activation (Mach-FL) Check wiring between control unit and components	A750		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		E	1
8D2519	Engine uppercarr. Urea (AdBlue)-Tank Fill level sensor Fill level low Inducement system activation (Mach-FL) Refill urea tank	A750		E	1
8D2605	Engine uppercarr. Urea (AdBlue)-Tank Sampling unit Communication error Inducement system activation (Mach-FL) Check wiring, CAN-participant	A750		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		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		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D2746	Engine uppercarr. Urea (AdBlue)-Tank Quality sensor Optical error Inducement system activation (Mach-FL) Check components	A750		E	1
8D2803	Engine uppercarr. Battery temperature sensor short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D2804	Engine uppercarr. Battery temperature sensor short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D2808	Engine uppercarr. Battery temperature sensor Line interruption no reaction Check wiring between control unit and components	A750		E	1
8D2816	Engine uppercarr. Battery temperature sensor Plausibility error no reaction Check components	A750		E	1
8D2864	Engine uppercarr. Battery temperature sensor Error supply voltage sensors no reaction Check wiring between control unit and components	A750		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		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		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		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		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D2909	Engine uppercarr. Exhaust temperature sensor (before SCR) Value above warning threshold no reaction Check operation status of engine	A750		E	1
8D290A	Engine uppercarr. Exhaust temperature sensor (before SCR) Value above critical threshold no reaction Check operation status of engine	A750		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		E	1
8D291B	Engine uppercarr. Exhaust temperature sensor (before SCR) Invalid data no reaction Check wiring, sensor	A750		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		E	1
8D2A01	Engine uppercarr. Exhaust temperature sensor (after SCR) Value above max. test range no reaction Check wiring between control unit and components	A750		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		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		E	1
8D2A04	Engine uppercarr. Exhaust temperature sensor (after SCR) short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D2A08	Engine uppercarr. Exhaust temperature sensor (after SCR) Line interruption no reaction Check wiring between control unit and components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D2A09	Engine uppercarr. Exhaust temperature sensor (after SCR) Value above warning threshold no reaction Check operation status of engine	A750		E	1
8D2A0A	Engine uppercarr. Exhaust temperature sensor (after SCR) Value above critical threshold no reaction Check operation status of engine	A750		E	1
8D2A16	Engine uppercarr. Exhaust temperature sensor (after SCR) Plausibility error no reaction Check wiring between control unit and components	A750		E	1
8D2A1B	Engine uppercarr. Exhaust temperature sensor (after SCR) Invalid data no reaction Check wiring, sensor	A750		E	1
8D2A64	Engine uppercarr. Exhaust temperature sensor (after SCR) Error supply voltage sensors no reaction Check wiring between control unit and components	A750		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		E	1
8D2B04	Engine uppercarr. Hydraulic oil temperature sensor short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D2B08	Engine uppercarr. Hydraulic oil temperature sensor Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D2B09	Engine uppercarr. Hydraulic oil temperature sensor Value above warning threshold no reaction Check operation status of engine	A750		E	1
8D2B0A	Engine uppercarr. Hydraulic oil temperature sensor Value above critical threshold no reaction Check operation status of engine	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D2B64	Engine uppercarr. Hydraulic oil temperature sensor Error supply voltage sensors no reaction Check wiring between control unit and components	A750		E	1
8D2C03	Engine uppercarr. Starter short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D2C04	Engine uppercarr. Starter short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D2C08	Engine uppercarr. Starter Line interruption no reaction Check wiring between control unit and components	A750		E	1
8D2C6C	Engine uppercarr. Starter Reg. deviation current value no reaction Report all error parameters to Service	A750		E	1
8D2C6D	Engine uppercarr. Starter Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750		E	1
8D2C6E	Engine uppercarr. Starter Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750		E	1
8D2C6F	Engine uppercarr. Starter Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750		E	1
8D2C70	Engine uppercarr. Starter Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750		E	1
8D2C7C	Engine uppercarr. Starter Blocked due to excess temperature no reaction No remedy text	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D2C82	Engine uppercarr. Starter Output current too high no reaction Check wiring between control unit and component - M700	A750		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		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		E	1
8D2E05	Engine uppercarr. Wastegate flap 1 Communication error no reaction Check wiring, flaps	A750		E	1
8D2E08	Engine uppercarr. Wastegate flap 1 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D2E0A	Engine uppercarr. Wastegate flap 1 Value above critical threshold no reaction Check wiring, flaps	A750		E	1
8D2E17	Engine uppercarr. Wastegate flap 1 Short circuit of load Engine reduction 25% (Mach-FL) Check wiring between control unit and component - Y705	A750		E	1
8D2E34	Engine uppercarr. Wastegate flap 1 Hardware Error no reaction Check wiring, flaps	A750		E	1
8D2E36	Engine uppercarr. Wastegate flap 1 Calibration error no reaction Check wiring, flaps	A750		E	1
8D2E38	Engine uppercarr. Wastegate flap 1 Error Regulation deviation no reaction Check wiring, flaps	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D2E39	Engine uppercarr. Wastegate flap 1 Error Absolute position no reaction Check wiring, flaps	A750		E	1
8D2E64	Engine uppercarr. Wastegate flap 1 Error supply voltage sensors no reaction Check wiring, flaps	A750		E	1
8D2E6C	Engine uppercarr. Wastegate flap 1 Reg. deviation current value Engine derating 25% (Mach-FL) Report all error parameters to Service	A750		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		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		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		E	1
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		E	1
8D2E81	Engine uppercarr. Wastegate flap 1 Position feedback not available no reaction Check wiring, flaps	A750		E	1
8D2E82	Engine uppercarr. Wastegate flap 1 Output current too high Engine reduction 25% (Mach-FL) Check wiring between control unit and component - Y705	A750		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		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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		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		E	1
8D2F0A	Engine uppercarr. Fuel supply valve 1 (VCV) Value above critical threshold no reaction Check operation status of engine	A750		E	1
8D2F0C	Engine uppercarr. Fuel supply valve 1 (VCV) Value below critical threshold no reaction Check operation status of engine	A750		E	1
8D2F15	Engine uppercarr. Fuel supply valve 1 (VCV) Signal remains above nominal value no reaction Check wiring, components, control unit	A750		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		E	1
8D2F52	Engine uppercarr. Fuel supply valve 1 (VCV) PWM plausibility no reaction Check components	A750		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		E	1
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		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		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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		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		E	1
8D2F74	Engine uppercarr. Fuel supply valve 1 (VCV) Lower limit value for regulation reached no reaction No measure required	A750		E	1
8D2F82	Engine uppercarr. Fuel supply valve 1 (VCV) Output current too high Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y703	A750		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		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		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		E	1
8D300A	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) Value above critical threshold no reaction Check operation status of engine	A750		E	1
8D300C	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) Value below critical threshold no reaction Check operation status of engine	A750		E	1
8D300E	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) Signal increases too fast no reaction Check components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D300F	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) Signal decreases too fast no reaction Check components	A750		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		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		E	1
8D301D	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) PCV Flow regulation upper stop no reaction Check components	A750		E	1
8D301E	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) PCV Flow regulation lower stop no reaction Check components	A750		E	1
8D3052	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) PWM plausibility no reaction Check components	A750		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		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		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		E	1
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		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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		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		E	1
8D3074	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) Lower limit value for regulation reached no reaction No measure required	A750		E	1
8D3082	Engine uppercarr. Fuel high pressure regulating valve 1 (PCV) Output current too high Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y707	A750		E	1
8D3105	Engine uppercarr. Exhaust return valve 1 Communication error Engine derating 25% (Mach-FL) Check wiring, CAN-participant	A750		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		E	1
8D3133	Engine uppercarr. Exhaust return valve 1 Data transfer CAN problematic Engine derating 25% (Mach-FL) Check wiring, CAN-participant	A750		E	1
8D3134	Engine uppercarr. Exhaust return valve 1 Hardware Error Engine derating 25% (Mach-FL) Check module	A750		E	1
8D3135	Engine uppercarr. Exhaust return valve 1 Excess temperature error Engine derating 25% (Mach-FL) Check cooling of module	A750		E	1
8D3136	Engine uppercarr. Exhaust return valve 1 Calibration error Engine derating 25% (Mach-FL) Check module	A750		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		E	1
8D3138	Engine uppercarr. Exhaust return valve 1 Error Regulation deviation Engine derating 25% (Mach-FL) Check components	A750		E	1
8D3139	Engine uppercarr. Exhaust return valve 1 Error Absolute position Engine derating 25% (Mach-FL) Check module	A750		E	1
8D3181	Engine uppercarr. Exhaust return valve 1 Position feedback not available Engine reduction 25% (Mach-FL) No remedy text	A750		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		E	1
8D3304	Engine uppercarr. Injector 1 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D3308	Engine uppercarr. Injector 1 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D331F	Engine uppercarr. Injector 1 No current increase time measureable Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750		E	1
8D3320	Engine uppercarr. Injector 1 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750		E	1
8D3383	Engine uppercarr. Injector 1 Voltage regulated minimum quantities adaptation failed no reaction No remedy text	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D3386	Engine uppercarr. Injector 1 Minimum quantity correction calculation faulty no reaction No remedy text	A750		E	1
8D3387	Engine uppercarr. Injector 1 Minimum quantity correction faulty no reaction No remedy text	A750		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		E	1
8D3404	Engine uppercarr. Injector 2 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D3408	Engine uppercarr. Injector 2 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D341F	Engine uppercarr. Injector 2 No current increase time measureable Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750		E	1
8D3420	Engine uppercarr. Injector 2 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750		E	1
8D3483	Engine uppercarr. Injector 2 Voltage regulated minimum quantities adaptation failed no reaction No remedy text	A750		E	1
8D3486	Engine uppercarr. Injector 2 Minimum quantity correction calculation faulty no reaction No remedy text	A750		E	1
8D3487	Engine uppercarr. Injector 2 Minimum quantity correction faulty no reaction No remedy text	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D3503	Engine uppercarr. Injector 3 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D3504	Engine uppercarr. Injector 3 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D3508	Engine uppercarr. Injector 3 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D351F	Engine uppercarr. Injector 3 No current increase time measureable Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750		E	1
8D3520	Engine uppercarr. Injector 3 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750		E	1
8D3583	Engine uppercarr. Injector 3 Voltage regulated minimum quantities adaptation failed no reaction No remedy text	A750		E	1
8D3586	Engine uppercarr. Injector 3 Minimum quantity correction calculation faulty no reaction No remedy text	A750		E	1
8D3587	Engine uppercarr. Injector 3 Minimum quantity correction faulty no reaction No remedy text	A750		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		E	1
8D3604	Engine uppercarr. Injector 4 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		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		E	1
8D361F	Engine uppercarr. Injector 4 No current increase time measureable Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750		E	1
8D3620	Engine uppercarr. Injector 4 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750		E	1
8D3683	Engine uppercarr. Injector 4 Voltage regulated minimum quantities adaptation failed no reaction No remedy text	A750		E	1
8D3686	Engine uppercarr. Injector 4 Minimum quantity correction calculation faulty no reaction No remedy text	A750		E	1
8D3687	Engine uppercarr. Injector 4 Minimum quantity correction faulty no reaction No remedy text	A750		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		E	1
8D3704	Engine uppercarr. Injector 5 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D3708	Engine uppercarr. Injector 5 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D371F	Engine uppercarr. Injector 5 No current increase time measureable Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D3720	Engine uppercarr. Injector 5 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750		E	1
8D3783	Engine uppercarr. Injector 5 Voltage regulated minimum quantities adaptation failed no reaction No remedy text	A750		E	1
8D3786	Engine uppercarr. Injector 5 Minimum quantity correction calculation faulty no reaction No remedy text	A750		E	1
8D3787	Engine uppercarr. Injector 5 Minimum quantity correction faulty no reaction No remedy text	A750		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		E	1
8D3804	Engine uppercarr. Injector 6 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D3808	Engine uppercarr. Injector 6 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D381F	Engine uppercarr. Injector 6 No current increase time measureable Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750		E	1
8D3820	Engine uppercarr. Injector 6 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750		E	1
8D3883	Engine uppercarr. Injector 6 Voltage regulated minimum quantities adaptation failed no reaction No remedy text	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D3886	Engine uppercarr. Injector 6 Minimum quantity correction calculation faulty no reaction No remedy text	A750		E	1
8D3887	Engine uppercarr. Injector 6 Minimum quantity correction faulty no reaction No remedy text	A750		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		E	1
8D3904	Engine uppercarr. Injector 7 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D3908	Engine uppercarr. Injector 7 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D391F	Engine uppercarr. Injector 7 No current increase time measureable Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750		E	1
8D3920	Engine uppercarr. Injector 7 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750		E	1
8D3983	Engine uppercarr. Injector 7 Voltage regulated minimum quantities adaptation failed no reaction No remedy text	A750		E	1
8D3986	Engine uppercarr. Injector 7 Minimum quantity correction calculation faulty no reaction No remedy text	A750		E	1
8D3987	Engine uppercarr. Injector 7 Minimum quantity correction faulty no reaction No remedy text	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D3A03	Engine uppercarr. Injector 8 short circuit to supply voltage Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D3A04	Engine uppercarr. Injector 8 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D3A08	Engine uppercarr. Injector 8 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D3A1F	Engine uppercarr. Injector 8 No current increase time measureable Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750		E	1
8D3A20	Engine uppercarr. Injector 8 Current increase time too long Engine derating 25% (Mach-FL) Check wiring, components, control unit	A750		E	1
8D3A83	Engine uppercarr. Injector 8 Voltage regulated minimum quantities adaptation failed no reaction No remedy text	A750		E	1
8D3A86	Engine uppercarr. Injector 8 Minimum quantity correction calculation faulty no reaction No remedy text	A750		E	1
8D3A87	Engine uppercarr. Injector 8 Minimum quantity correction faulty no reaction No remedy text	A750		E	1
8D3B03	Engine uppercarr. Travel pedal sensor 1 short circuit to supply voltage no reaction Check wiring between control unit and components	A750		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		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D3C03	Engine uppercarr. Travel pedal sensor 2 short circuit to supply voltage no reaction Check wiring between control unit and components	A750		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		E	1
8D3D16	Engine uppercarr. Travel pedal sensor Plausibility error no reaction Check wiring between control unit and components	A750		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		E	1
8D3E04	Engine uppercarr. Fan 1 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D3E08	Engine uppercarr. Fan 1 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D3E17	Engine uppercarr. Fan 1 Short circuit of load Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D3E6C	Engine uppercarr. Fan 1 Reg. deviation current value Engine derating 25% (Mach-FL) Report all error parameters to Service	A750		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		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		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D3E6F	Engine uppercarr. Fan 1 Short circuit after ground Plus switch Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		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		E	1
8D3E82	Engine uppercarr. Fan 1 Output current too high no reaction Check wiring between control unit and component - Y718	A750		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		E	1
8D3F04	Engine uppercarr. Fan 2 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D3F08	Engine uppercarr. Fan 2 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D3F17	Engine uppercarr. Fan 2 Short circuit of load Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D3F6C	Engine uppercarr. Fan 2 Reg. deviation current value Engine derating 25% (Mach-FL) Report all error parameters to Service	A750		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		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		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D3F6F	Engine uppercarr. Fan 2 Short circuit after ground Plus switch Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		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		E	1
8D3F82	Engine uppercarr. Fan 2 Output current too high no reaction Check wiring between control unit and component - Y719	A750		E	1
8D4003	Engine uppercarr. Alternator 1 short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D4004	Engine uppercarr. Alternator 1 short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D4221	Engine uppercarr. Motor Sensor supply U_VCC-M1 (5V) Voltage outside permissible range no reaction Check control unit, supplies	A750		E	1
8D4321	Engine uppercarr. Motor Sensor supply U_VCC-M2 (5V) Voltage outside permissible range no reaction Check control unit, supplies	A750		E	1
8D4421	Engine uppercarr. Motor Sensor supply U_VCC-M3 (5V) Voltage outside permissible range no reaction Check control unit, supplies	A750		E	1
8D4521	Engine uppercarr. Motor Sensor supply U_VCC-M4 (5V) Voltage outside permissible range no reaction Check control unit, supplies	A750		E	1
8D4621	Engine uppercarr. Motor Sensor supply U_VCC-M5 (5V) Voltage outside permissible range no reaction Check control unit, supplies	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D4721	Engine uppercarr. Motor Sensor supply U_VCC-M6 (5V) Voltage outside permissible range no reaction Check control unit, supplies	A750		E	1
8D4821	Engine uppercarr. Motor Sensor supply U_VCC-M7 (5V) Voltage outside permissible range no reaction Check control unit, supplies	A750		E	1
8D4921	Engine uppercarr. Machine Sensor supply U_VCC-G1 (5V) Voltage outside permissible range no reaction Check control unit, supplies	A750		E	1
8D4A21	Engine uppercarr. Machine Sensor supply U_VCC-G2 (5V) Voltage outside permissible range no reaction Check control unit, supplies	A750		E	1
8D4B21	Engine uppercarr. Machine Sensor supply U_VCC-G3 (5V) Voltage outside permissible range no reaction Check control unit, supplies	A750		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
8D4E21	Engine uppercarr. Machine Sensor supply U_UBATT-G1 (Battery) Voltage outside permissible range no reaction Check control unit, supplies, battery voltage	A750		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		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		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D5121	Engine uppercarr. Machine Sensor supply U_UBATT-G4 (Battery) Voltage outside permissible range no reaction Check control unit, supplies, battery voltage	A750		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		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	A750		E	1
8D5723	Engine uppercarr. Injection time Pre-injecton too close to main injection no reaction 0	A750		E	1
8D5724	Engine uppercarr. Injection time Post-injection too close to main injection no reaction 0	A750		E	1
8D5725	Engine uppercarr. Injection time Late post-injection too close to post-injection no reaction 0	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
8D5984	Engine uppercarr. SCR System Air and urea pressure sensors on the urea pump reversed Engine reduction (Mach-FL) No remedy text	A750		E	1
8D5990	Engine uppercarr. SCR System Cleaning of SCR catalytic converter (HC) not feasible no reaction No remedy text	A750		E	1
8D599F	Engine uppercarr. SCR System Maximum urea thawing time (AdBlue) exceeded no reaction Check wiring, sensors, heating circuit	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		E	1
8D5A18	Engine uppercarr. NOX Sensor (before SCR) Short circuit Inducement system activation (Mach-FL) Check wiring between control unit and components	A750		E	1
8D5A1B	Engine uppercarr. NOX Sensor (before SCR) Invalid data Inducement system activation (Mach-FL) Check operation status of engine	A750		E	1
8D5A2E	Engine uppercarr. NOX Sensor (before SCR) Sensor removed from exhaust line Inducement system activation (Mach-FL) Check components	A750		E	1
8D5A2F	Engine uppercarr. NOX Sensor (before SCR) Heating element broken Inducement system activation (Mach-FL) Check wiring, replace components	A750		E	1
8D5A30	Engine uppercarr. NOX Sensor (before SCR) Offset Error Inducement system activation (Mach-FL) Check operation status of engine	A750		E	1
8D5B05	Engine uppercarr. NOX Sensor (after SCR) Communication error Inducement system activation (Mach-FL) Check wiring, CAN-participant	A750		E	1
8D5B08	Engine uppercarr. NOX Sensor (after SCR) Line interruption Inducement system activation (Mach-FL) Check wiring between control unit and components	A750		E	1
8D5B18	Engine uppercarr. NOX Sensor (after SCR) Short circuit Inducement system activation (Mach-FL) Check wiring between control unit and components	A750		E	1
8D5B1B	Engine uppercarr. NOX Sensor (after SCR) Invalid data Inducement system activation (Mach-FL) Check operation status of engine	A750		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		E	1
8D5B2F	Engine uppercarr. NOX Sensor (after SCR) Heating element broken Inducement system activation (Mach-FL) Check wiring, replace components	A750		E	1
8D5B30	Engine uppercarr. NOX Sensor (after SCR) Offset Error Inducement system activation (Mach-FL) Check operation status of engine	A750		E	1
8D5C01	Engine uppercarr. Regulation alternator (voltage signal) Value above max. test range no reaction Check wiring between control unit and components	A750		E	1
8D5C06	Engine uppercarr. Regulation alternator (voltage signal) internal error no reaction Check components	A750		E	1
8D5C38	Engine uppercarr. Regulation alternator (voltage signal) Error Regulation deviation no reaction Check components	A750		E	1
8D5C4E	Engine uppercarr. Regulation alternator (voltage signal) Overload no reaction Check components	A750		E	1
8D5C4F	Engine uppercarr. Regulation alternator (voltage signal) Error when engine running no reaction Check components	A750		E	1
8D5C50	Engine uppercarr. Regulation alternator (voltage signal) Error intelligent alternator no reaction Check components	A750		E	1
8D5C51	Engine uppercarr. Regulation alternator (voltage signal) Fuse defective no reaction Check components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D5C88	Engine uppercarr. Regulation alternator (voltage signal) Alternating control deviation alternator voltage no reaction No remedy text	A750		E	1
8D5C89	Engine uppercarr. Regulation alternator (voltage signal) Alternator shut-off faulty no reaction No remedy text	A750		E	1
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		E	1
8D5F2D	Engine uppercarr. NOX Sensor Installation error Inducement system activation (Mach-FL) Check installation, position of sensors	A750		E	1
8D5F8F	Engine uppercarr. NOX Sensor Deviating measuring accuracy (drift) no reaction Check sensor value, sensor	A750		E	1
8D6003	Engine uppercarr. Distributor gear temperature sensor short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D6004	Engine uppercarr. Distributor gear temperature sensor short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D6008	Engine uppercarr. Distributor gear temperature sensor Line interruption no reaction Check wiring between control unit and components	A750		E	1
8D6009	Engine uppercarr. Distributor gear temperature sensor Value above warning threshold no reaction Check operation status of engine	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D600A	Engine uppercarr. Distributor gear temperature sensor Value above critical threshold no reaction Check operation status of engine	A750		E	1
8D6064	Engine uppercarr. Distributor gear temperature sensor Error supply voltage sensors no reaction Check wiring between control unit and components	A750		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		E	1
8D6104	Engine uppercarr. Supply relay Engine sensory short circuit to ground Inducement system activation (Mach-FL) Check wiring between control unit and components	A750		E	1
8D6108	Engine uppercarr. Supply relay Engine sensory Line interruption Inducement system activation (Mach-FL) Check wiring between control unit and components	A750		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		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		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		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		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		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D6182	Engine uppercarr. Supply relay Engine sensory Output current too high Engine reduction (Mach-FL) Check wiring between control unit and component - K700	A750		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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
8D6F0A	Engine uppercarr. Supply voltage Value above critical threshold no reaction No remedy text	A750		E	1
8D6F64	Engine uppercarr. Supply voltage Error supply voltage sensors no reaction No remedy text	A750		E	1
8D6FA3	Engine uppercarr. Supply voltage Supply voltage term.30 switched off during ECU shut off delay no reaction Check wiring, fuses	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D7005	Engine uppercarr. Exhaust flap 1 Communication error Inducement system activation (Mach-FL) Check wiring, CAN-participant	A750		E	1
8D7033	Engine uppercarr. Exhaust flap 1 Data transfer CAN problematic Inducement system activation (Mach-FL) Check wiring, CAN-participant	A750		E	1
8D7034	Engine uppercarr. Exhaust flap 1 Hardware Error Inducement system activation (Mach-FL) Check module	A750		E	1
8D7035	Engine uppercarr. Exhaust flap 1 Excess temperature error Inducement system activation (Mach-FL) Check cooling of module	A750		E	1
8D7036	Engine uppercarr. Exhaust flap 1 Calibration error Inducement system activation (Mach-FL) Check module	A750		E	1
8D7037	Engine uppercarr. Exhaust flap 1 Error Reference position Inducement system activation (Mach-FL) Check module	A750		E	1
8D7038	Engine uppercarr. Exhaust flap 1 Error Regulation deviation Engine derating 50% (Mach-FL) Check components	A750		E	1
8D7039	Engine uppercarr. Exhaust flap 1 Error Absolute position Inducement system activation (Mach-FL) Check module	A750		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
8D7181	Engine uppercarr. Supply voltage exhaust flap 1 Position feedback not available Engine reduction (Mach-FL) No remedy text	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D7203	Engine uppercarr. Exhaust temperature sensor (before DOC) short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D7204	Engine uppercarr. Exhaust temperature sensor (before DOC) short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D7208	Engine uppercarr. Exhaust temperature sensor (before DOC) Line interruption no reaction Check wiring between control unit and components	A750		E	1
8D7209	Engine uppercarr. Exhaust temperature sensor (before DOC) Value above warning threshold no reaction Check operation status of engine	A750		E	1
8D720A	Engine uppercarr. Exhaust temperature sensor (before DOC) Value above critical threshold no reaction Check operation status of engine	A750		E	1
8D7216	Engine uppercarr. Exhaust temperature sensor (before DOC) Plausibility error no reaction Check wiring between control unit and components	A750		E	1
8D721B	Engine uppercarr. Exhaust temperature sensor (before DOC) Invalid data no reaction Check wiring, fuses	A750		E	1
8D7264	Engine uppercarr. Exhaust temperature sensor (before DOC) Error supply voltage sensors no reaction Check wiring between control unit and components	A750		E	1
8D7303	Engine uppercarr. Actuation central lubrication system short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D7304	Engine uppercarr. Actuation central lubrication system short circuit to ground no reaction Check wiring between control unit and components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D7308	Engine uppercarr. Actuation central lubrication system Line interruption no reaction Check wiring, wiring harness	A750		E	1
8D736C	Engine uppercarr. Actuation central lubrication system Reg. deviation current value no reaction Report all error parameters to Service	A750		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		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		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		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		E	1
8D7382	Engine uppercarr. Actuation central lubrication system Output current too high no reaction Check wiring between control unit and components	A750		E	1
8D7403	Engine uppercarr. Actuation Air flap short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D7404	Engine uppercarr. Actuation Air flap short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D7408	Engine uppercarr. Actuation Air flap Line interruption no reaction Check wiring, wiring harness	A750		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		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		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		E	1
8D746F	Engine uppercarr. Actuation Air flap Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750		E	1
8D7470	Engine uppercarr. Actuation Air flap Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750		E	1
8D7482	Engine uppercarr. Actuation Air flap Output current too high Engine reduction 50% (Mach-FL) Check wiring between control unit and components	A750		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		E	1
8D7504	Engine uppercarr. Machine configurable lamp outlet 1 short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D7508	Engine uppercarr. Machine configurable lamp outlet 1 Line interruption no reaction Check wiring, wiring harness	A750		E	1
8D756C	Engine uppercarr. Machine configurable lamp outlet 1 Reg. deviation current value no reaction Report all error parameters to Service	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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		E	1
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		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		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		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		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		E	1
8D7608	Engine uppercarr. Engine stop warning light output (RSL) Line interruption no reaction Check wiring, wiring harness	A750		E	1
8D766C	Engine uppercarr. Engine stop warning light output (RSL) Reg. deviation current value no reaction Report all error parameters to Service	A750		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		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		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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		E	1
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		E	1
8D7705	Engine uppercarr. Ammonia sensor Communication error Engine derating 25% (Mach-FL) Check wiring, CAN-participant	A750		E	1
8D7706	Engine uppercarr. Ammonia sensor internal error Engine derating 25% (Mach-FL) Check components	A750		E	1
8D7709	Engine uppercarr. Ammonia sensor Value above warning threshold no reaction Check operation status of engine	A750		E	1
8D773A	Engine uppercarr. Ammonia sensor Error Heater element Engine derating 25% (Mach-FL) Check wiring, replace components	A750		E	1
8D773B	Engine uppercarr. Ammonia sensor Error Resistance Engine derating 25% (Mach-FL) Check components	A750		E	1
8D773C	Engine uppercarr. Ammonia sensor Error Trim calibration Engine derating 25% (Mach-FL) Check wiring between module and sensor, replace sensor	A750		E	1
8D773D	Engine uppercarr. Ammonia sensor Electric error Engine derating 25% (Mach-FL) Check components	A750		E	1
8D774B	Engine uppercarr. Ammonia sensor Error supply heating element Engine derating 25% (Mach-FL) Check wiring, replace components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D7805	Engine uppercarr. Water pump Communication error no reaction Check wiring, CAN-participant	A750		E	1
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		E	1
8D7B0A	Engine uppercarr. Alternator 1 (Output voltage) Value above critical threshold no reaction Check operation status of engine	A750		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		E	1
8D7B64	Engine uppercarr. Alternator 1 (Output voltage) Error supply voltage sensors Engine reduction 50% (Mach-FL) No remedy text	A750		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		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D7C04	Engine uppercarr. Temperature sensor after charge air cooler short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D7C08	Engine uppercarr. Temperature sensor after charge air cooler Line interruption no reaction Check wiring between control unit and components	A750		E	1
8D7C09	Engine uppercarr. Temperature sensor after charge air cooler Value above warning threshold no reaction Check operation status of engine	A750		E	1
8D7C0A	Engine uppercarr. Temperature sensor after charge air cooler Value above critical threshold no reaction Check operation status of engine	A750		E	1
8D7C16	Engine uppercarr. Temperature sensor after charge air cooler Plausibility error no reaction No remedy text	A750		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		E	1
8D7D03	Engine uppercarr. Alternator 1 (Frequency input) short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D7D04	Engine uppercarr. Alternator 1 (Frequency input) short circuit to ground no reaction Check wiring, alternator	A750		E	1
8D7D0B	Engine uppercarr. Alternator 1 (Frequency input) Short circuit after ground or line interruption no reaction Check wiring, alternator	A750		E	1
8D7D0D	Engine uppercarr. Alternator 1 (Frequency input) Short circuit after supply voltage or line interruption no reaction Check wiring, alternator	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D7D64	Engine uppercarr. Alternator 1 (Frequency input) Error supply voltage sensors no reaction Check wiring, alternator	A750		E	1
8D7E03	Engine uppercarr. Alternator 2 (Output voltage) short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D7E04	Engine uppercarr. Alternator 2 (Output voltage) short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D7E08	Engine uppercarr. Alternator 2 (Output voltage) Line interruption no reaction Check wiring between control unit and components	A750		E	1
8D7E09	Engine uppercarr. Alternator 2 (Output voltage) Value above warning threshold no reaction Check operation status of engine	A750		E	1
8D7E0A	Engine uppercarr. Alternator 2 (Output voltage) Value above critical threshold no reaction Check operation status of engine	A750		E	1
8D7E16	Engine uppercarr. Alternator 2 (Output voltage) Plausibility error no reaction No remedy text	A750		E	1
8D7E64	Engine uppercarr. Alternator 2 (Output voltage) Error supply voltage sensors no reaction Check wiring between control unit and components	A750		E	1
8D7F03	Engine uppercarr. Alternator 2 (Lamp) short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1
8D7F09	Engine uppercarr. Alternator 2 (Lamp) Value above warning threshold no reaction Check operation status of engine	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D7F0A	Engine uppercarr. Alternator 2 (Lamp) Value above critical threshold no reaction Check operation status of engine	A750		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		E	1
8D7F64	Engine uppercarr. Alternator 2 (Lamp) Error supply voltage sensors no reaction Check wiring between control unit and components	A750		E	1
8D7F72	Engine uppercarr. Alternator 2 (Lamp) Charge air pr. too high no reaction No remedy text	A750		E	1
8D7F73	Engine uppercarr. Alternator 2 (Lamp) Charge air pr. too low no reaction No remedy text	A750		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		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		E	1
8D8134	Engine uppercarr. Exhaust flap 2 Hardware Error Inducement system activation (Mach-FL) Check module	A750		E	1
8D8135	Engine uppercarr. Exhaust flap 2 Excess temperature error Inducement system activation (Mach-FL) Check cooling of module	A750		E	1
8D8136	Engine uppercarr. Exhaust flap 2 Calibration error Inducement system activation (Mach-FL) Check module	A750		E	1
8D8137	Engine uppercarr. Exhaust flap 2 Error Reference position Inducement system activation (Mach-FL) Check module	A750		E	1
8D8138	Engine uppercarr. Exhaust flap 2 Error Regulation deviation Engine derating 50% (Mach-FL) Check components	A750		E	1
8D8139	Engine uppercarr. Exhaust flap 2 Error Absolute position Inducement system activation (Mach-FL) Check module	A750		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
8D8281	Engine uppercarr. Supply voltage exhaust flap 2 Position feedback not available Engine reduction (Mach-FL) No remedy text	A750		E	1
8D8304	Engine uppercarr. Digital input Starter signal short circuit to ground no reaction Check wiring between control unit and components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D8308	Engine uppercarr. Digital input Starter signal Line interruption no reaction Check wiring, wiring harness	A750		E	1
8D8321	Engine uppercarr. Digital input Starter signal Voltage outside permissible range no reaction Check wiring between control unit and components	A750		E	1
8D835B	Engine uppercarr. Digital input Starter signal Start block due to a short circuit no reaction Check wiring, components, control unit	A750		E	1
8D8364	Engine uppercarr. Digital input Starter signal Error supply voltage sensors no reaction Check wiring between control unit and components	A750		E	1
8D8408	Engine uppercarr. Digital input emerg. off Line interruption no reaction Check wiring between control unit and components	A750		E	1
8D8421	Engine uppercarr. Digital input emerg. off Voltage outside permissible range no reaction Check wiring between control unit and components	A750		E	1
8D8464	Engine uppercarr. Digital input emerg. off Error supply voltage sensors no reaction Check wiring between control unit and components	A750		E	1
8D8508	Engine uppercarr. Digital input test bench operation Line interruption no reaction Check wiring, wiring harness	A750		E	1
8D8521	Engine uppercarr. Digital input test bench operation Voltage outside permissible range no reaction Check wiring between control unit and components	A750		E	1
8D8564	Engine uppercarr. Digital input test bench operation Error supply voltage sensors no reaction Check wiring between control unit and components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D8608	Engine uppercarr. Digital input emerg. run rpm Line interruption no reaction Check wiring, wiring harness	A750		E	1
8D8621	Engine uppercarr. Digital input emerg. run rpm Voltage outside permissible range no reaction Check wiring between control unit and components	A750		E	1
8D8664	Engine uppercarr. Digital input emerg. run rpm Error supply voltage sensors no reaction Check wiring between control unit and components	A750		E	1
8D8708	Engine uppercarr. Digital input LWE emerg. Op. Line interruption no reaction Check wiring, wiring harness	A750		E	1
8D8721	Engine uppercarr. Digital input LWE emerg. Op. Voltage outside permissible range no reaction Check wiring between control unit and components	A750		E	1
8D8764	Engine uppercarr. Digital input LWE emerg. Op. Error supply voltage sensors no reaction Check wiring between control unit and components	A750		E	1
8D8803	Engine uppercarr. Digital input Slave short circuit to supply voltage Inducement system activated Check wiring	A750		E	1
8D8804	Engine uppercarr. Digital input Slave short circuit to ground Inducement system activated Check wiring	A750		E	1
8D8808	Engine uppercarr. Digital input Slave Line interruption Inducement system activated Check wiring	A750		E	1
8D880B	Engine uppercarr. Digital input Slave Short circuit after ground or line interruption Inducement system activated Check wiring	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D880D	Engine uppercarr. Digital input Slave Short circuit after supply voltage or line interruption Inducement system activated Check wiring	A750		E	1
8D8821	Engine uppercarr. Digital input Slave Voltage outside permissible range no reaction Check wiring between control unit and components	A750		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		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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
8D8BA4	Engine uppercarr. Urea (AdBlue) Quality Incorrect reducing agent Inducement system activated Check wiring	A750		E	1
8D8C08	Engine uppercarr. Data transfer CAN 1 Line interruption Inducement system activation (Mach-FL) Check wiring, wiring harness	A750		E	1
8D8C18	Engine uppercarr. Data transfer CAN 1 Short circuit Inducement system activation (Mach-FL) Check wiring between control unit and components	A750		E	1
8D8CA5	Engine uppercarr. Data transfer CAN 1 NOX emission values too high Inducement system activated Check wiring	A750		E	1
8D8D08	Engine uppercarr. Data transfer CAN 2 Line interruption Inducement system activation (Mach-FL) Check wiring, wiring harness	A750		E	1
8D8D18	Engine uppercarr. Data transfer CAN 2 Short circuit Inducement system activation (Mach-FL) Check wiring between control unit and components	A750		E	1
8D8E08	Engine uppercarr. Data transfer CAN 3 Line interruption Inducement system activation (Mach-FL) Check wiring, wiring harness	A750		E	1
8D8E18	Engine uppercarr. Data transfer CAN 3 Short circuit Inducement system activation (Mach-FL) Check wiring between control unit and components	A750		E	1
8D8F03	Engine uppercarr. Injector 9 short circuit to supply voltage no reaction Check wiring between control unit and components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
8D8F83	Engine uppercarr. Injector 9 Voltage regulated minimum quantities adaptation failed no reaction No remedy text	A750		E	1
8D8F86	Engine uppercarr. Injector 9 Minimum quantity correction calculation faulty no reaction No remedy text	A750		E	1
8D8F87	Engine uppercarr. Injector 9 Minimum quantity correction faulty no reaction No remedy text	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
8D9083	Engine uppercarr. Injector 10 Voltage regulated minimum quantities adaptation failed no reaction No remedy text	A750		E	1
8D9086	Engine uppercarr. Injector 10 Minimum quantity correction calculation faulty no reaction No remedy text	A750		E	1
8D9087	Engine uppercarr. Injector 10 Minimum quantity correction faulty no reaction No remedy text	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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D9183	Engine uppercarr. Injector 11 Voltage regulated minimum quantities adaptation failed no reaction No remedy text	A750		E	1
8D9186	Engine uppercarr. Injector 11 Minimum quantity correction calculation faulty no reaction No remedy text	A750		E	1
8D9187	Engine uppercarr. Injector 11 Minimum quantity correction faulty no reaction No remedy text	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
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
8D9283	Engine uppercarr. Injector 12 Voltage regulated minimum quantities adaptation failed no reaction No remedy text	A750		E	1
8D9286	Engine uppercarr. Injector 12 Minimum quantity correction calculation faulty no reaction No remedy text	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D9287	Engine uppercarr. Injector 12 Minimum quantity correction faulty no reaction No remedy text	A750		E	1
8D930A	Engine uppercarr. Fuel supply valve 2 (VCV) Value above critical threshold no reaction No remedy text	A750		E	1
8D930C	Engine uppercarr. Fuel supply valve 2 (VCV) Value below critical threshold no reaction No remedy text	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		E	1
8D9604	Engine uppercarr. Fan 3 short circuit to ground Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D9608	Engine uppercarr. Fan 3 Line interruption Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D9617	Engine uppercarr. Fan 3 Short circuit of load Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8D966C	Engine uppercarr. Fan 3 Reg. deviation current value Engine derating 25% (Mach-FL) Report all error parameters to Service	A750		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		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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		E	1
8D966F	Engine uppercarr. Fan 3 Short circuit after ground Plus switch Engine derating 25% (Mach-FL) Check wiring between control unit and components	A750		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		E	1
8D9682	Engine uppercarr. Fan 3 Output current too high no reaction Check wiring between control unit and components	A750		E	1
8D9708	Engine uppercarr. Fuel supply valve 2 (VCV) Line interruption Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y704	A750		E	1
8D9717	Engine uppercarr. Fuel supply valve 2 (VCV) Short circuit of load Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y704	A750		E	1
8D9752	Engine uppercarr. Fuel supply valve 2 (VCV) PWM plausibility no reaction No action necessary	A750		E	1
8D976C	Engine uppercarr. Fuel supply valve 2 (VCV) Reg. deviation current value Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y704	A750		E	1
8D976D	Engine uppercarr. Fuel supply valve 2 (VCV) Short circuit after supply voltage Plus switch Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y704	A750		E	1
8D976E	Engine uppercarr. Fuel supply valve 2 (VCV) Short circuit after supply voltage ground switch Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y704	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D976F	Engine uppercarr. Fuel supply valve 2 (VCV) Short circuit after ground Plus switch Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y704	A750		E	1
8D9770	Engine uppercarr. Fuel supply valve 2 (VCV) Short circuit after ground, ground switch Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y704	A750		E	1
8D9774	Engine uppercarr. Fuel supply valve 2 (VCV) Lower limit value for regulation reached no reaction No action necessary	A750		E	1
8D9782	Engine uppercarr. Fuel supply valve 2 (VCV) Output current too high Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y704	A750		E	1
8D9808	Engine uppercarr. Fuel high pressure regulating valve 2 (PCV) Line interruption Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y708	A750		E	1
8D980A	Engine uppercarr. Fuel high pressure regulating valve 2 (PCV) Value above critical threshold no reaction No remedy text	A750		E	1
8D9817	Engine uppercarr. Fuel high pressure regulating valve 2 (PCV) Short circuit of load Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y708	A750		E	1
8D9852	Engine uppercarr. Fuel high pressure regulating valve 2 (PCV) PWM plausibility no reaction No remedy text	A750		E	1
8D985D	Engine uppercarr. Fuel high pressure regulating valve 2 (PCV) PCV open due to excess pressure no reaction No remedy text	A750		E	1
8D986C	Engine uppercarr. Fuel high pressure regulating valve 2 (PCV) Reg. deviation current value Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y708	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D986D	Engine uppercarr. Fuel high pressure regulating valve 2 (PCV) Short circuit after supply voltage Plus switch Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y708	A750		E	1
8D986E	Engine uppercarr. Fuel high pressure regulating valve 2 (PCV) Short circuit after supply voltage ground switch Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y708	A750		E	1
8D986F	Engine uppercarr. Fuel high pressure regulating valve 2 (PCV) Short circuit after ground Plus switch Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y708	A750		E	1
8D9870	Engine uppercarr. Fuel high pressure regulating valve 2 (PCV) Short circuit after ground, ground switch Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y708	A750		E	1
8D9874	Engine uppercarr. Fuel high pressure regulating valve 2 (PCV) Lower limit value for regulation reached no reaction No action necessary	A750		E	1
8D9882	Engine uppercarr. Fuel high pressure regulating valve 2 (PCV) Output current too high Engine reduction 50% (Mach-FL) Check wiring between control unit and component - Y708	A750		E	1
8D9914	Engine uppercarr. Fuel supply valve 2 (VCV) power regulation Signal remains below nominal value no reaction No action necessary	A750		E	1
8D9915	Engine uppercarr. Fuel supply valve 2 (VCV) power regulation Signal remains above nominal value no reaction No action necessary	A750		E	1
8D9A14	Engine uppercarr. Fuel high pressure regulating valve 2 PCV flow reg Signal remains below nominal value no reaction No action necessary	A750		E	1
8D9A15	Engine uppercarr. Fuel high pressure regulating valve 2 PCV flow reg Signal remains above nominal value no reaction No action necessary	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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		E	1
8D9C04	Engine uppercarr. Actuation after run relay short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8D9C08	Engine uppercarr. Actuation after run relay Line interruption no reaction Check wiring, wiring harness	A750		E	1
8D9C6C	Engine uppercarr. Actuation after run relay Reg. deviation current value no reaction Report all error parameters to Service	A750		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		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		E	1
8D9C6F	Engine uppercarr. Actuation after run relay Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750		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		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D9C82	Engine uppercarr. Actuation after run relay Output current too high no reaction Check wiring between control unit and components	A750		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		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		E	1
8D9F16	Engine uppercarr. Particle filter pressure sensor 1 Plausibility error no reaction Check components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8D9F64	Engine uppercarr. Particle filter pressure sensor 1 Error supply voltage sensors no reaction Check wiring between control unit and components	A750		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		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		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		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		E	1
8DA221	Engine uppercarr. Terminal 15 digital input Voltage outside permissible range no reaction Check wiring between control unit and components	A750		E	1
8DA264	Engine uppercarr. Terminal 15 digital input Error supply voltage sensors no reaction Check wiring between control unit and components	A750		E	1
8DA348	Engine uppercarr. Urea thawing procedure Efficiency error no reaction Check operation status of engine	A750		E	1
8DA409	Engine uppercarr. Urea heater system Value above warning threshold no reaction No action necessary	A750		E	1
8DA40A	Engine uppercarr. Urea heater system Value above critical threshold Engine reduction 50% (Mach-FL) Check electrical error, check high pressure fuel pump. Sensor OK	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
8DA509	Engine uppercarr. coolant temperature sensor Value above warning threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary	A750		E	1
8DA50A	Engine uppercarr. coolant temperature sensor Value above critical threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary	A750		E	1
8DA516	Engine uppercarr. coolant temperature sensor Plausibility error no reaction No remedy text	A750		E	1
8DA564	Engine uppercarr. coolant temperature sensor Error supply voltage sensors Engine reduction 25% (Mach-FL) No remedy text	A750		E	1
8DA585	Engine uppercarr. coolant temperature sensor Error in the ground supply no reaction No remedy text	A750		E	1
8DA605	Engine uppercarr. Intelligent alternator Communication error no reaction Check wiring between control unit and components	A750		E	1
8DA608	Engine uppercarr. Intelligent alternator Line interruption no reaction Check wiring between control unit and components	A750		E	1
8DA617	Engine uppercarr. Intelligent alternator Short circuit of load no reaction Check wiring between control unit and components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DA66C	Engine uppercarr. Intelligent alternator Reg. deviation current value no reaction Check wiring between control unit and components	A750		E	1
8DA66D	Engine uppercarr. Intelligent alternator Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750		E	1
8DA66E	Engine uppercarr. Intelligent alternator Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750		E	1
8DA66F	Engine uppercarr. Intelligent alternator Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750		E	1
8DA670	Engine uppercarr. Intelligent alternator Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750		E	1
8DA682	Engine uppercarr. Intelligent alternator Output current too high no reaction Check wiring between control unit and components	A750		E	1
8DA70A	Engine uppercarr. Fuel filter pressure sensor Value above critical threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary	A750		E	1
8DA721	Engine uppercarr. Fuel filter pressure sensor Voltage outside permissible range no reaction No remedy text	A750		E	1
8DA764	Engine uppercarr. Fuel filter pressure sensor Error supply voltage sensors no reaction No remedy text	A750		E	1
8DA89E	Engine uppercarr. DOC Low conversion rate Power reduction Check AGN system	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DA8A0	Engine uppercarr. DOC Component removed Power reduction Check AGN system	A750		E	1
8DA8A9	Engine uppercarr. DOC Leakage at post-injection no reaction Check AGN system	A750		E	1
8DA921	Engine uppercarr. Air filter pressure switch 2 Voltage outside permissible range Engine reduction 25% (Mach-FL) No remedy text	A750		E	1
8DA964	Engine uppercarr. Air filter pressure switch 2 Error supply voltage sensors Engine reduction 25% (Mach-FL) No remedy text	A750		E	1
8DAA04	Engine uppercarr. Rail pressure sensor 2 short circuit to ground Power reduction Check wiring, sensors, high pressure pump	A750		E	1
8DAA0D	Engine uppercarr. Rail pressure sensor 2 Short circuit after supply voltage or line interruption Power reduction Check wiring, sensors, high pressure pump	A750		E	1
8DAA10	Engine uppercarr. Rail pressure sensor 2 Start pressure too low no reaction Check high pressure pump	A750		E	1
8DAA12	Engine uppercarr. Rail pressure sensor 2 No signal dynamics Engine reduction 50% (Mach-FL) No remedy text	A750		E	1
8DAA13	Engine uppercarr. Rail pressure sensor 2 Leakage no reaction No remedy text	A750		E	1
8DAA14	Engine uppercarr. Rail pressure sensor 2 Signal remains below nominal value Engine reduction 50% (Mach-FL) No remedy text	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DAA15	Engine uppercarr. Rail pressure sensor 2 Signal remains above nominal value Engine reduction 50% (Mach-FL) Check electrical error, check high pressure fuel pump.	A750		E	1
8DAA16	Engine uppercarr. Rail pressure sensor 2 Plausibility error Engine reduction 50% (Mach-FL) No remedy text	A750		E	1
8DAA21	Engine uppercarr. Rail pressure sensor 2 Voltage outside permissible range no reaction No remedy text	A750		E	1
8DAA64	Engine uppercarr. Rail pressure sensor 2 Error supply voltage sensors Engine reduction 50% (Mach-FL) No remedy text	A750		E	1
8DAB2D	Engine uppercarr. High pressure pump Installation error no reaction Check installation	A750		E	1
8DAC09	Engine uppercarr. Coolant temperature charge air cooler Value above warning threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary	A750		E	1
8DAC0A	Engine uppercarr. Coolant temperature charge air cooler Value above critical threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary	A750		E	1
8DAC64	Engine uppercarr. Coolant temperature charge air cooler Error supply voltage sensors no reaction No remedy text	A750		E	1
8DAD03	Engine uppercarr. charge air temperature sensor short circuit to supply voltage no reaction Check wiring, sensor	A750		E	1
8DAD04	Engine uppercarr. charge air temperature sensor short circuit to ground no reaction Check wiring, sensor	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DAD08	Engine uppercarr. charge air temperature sensor Line interruption no reaction Check wiring, sensor	A750		E	1
8DAD09	Engine uppercarr. charge air temperature sensor Value above warning threshold no reaction Check wiring, sensor	A750		E	1
8DAD0A	Engine uppercarr. charge air temperature sensor Value above critical threshold no reaction Check wiring, sensor	A750		E	1
8DAD16	Engine uppercarr. charge air temperature sensor Plausibility error no reaction Check wiring, sensor	A750		E	1
8DAD64	Engine uppercarr. charge air temperature sensor Error supply voltage sensors no reaction Check wiring, sensor	A750		E	1
8DAE07	Engine uppercarr. Charge air temperature sensor 2 Value below warning threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary	A750		E	1
8DAE09	Engine uppercarr. Charge air temperature sensor 2 Value above warning threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary	A750		E	1
8DAE0A	Engine uppercarr. Charge air temperature sensor 2 Value above critical threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary	A750		E	1
8DAE0C	Engine uppercarr. Charge air temperature sensor 2 Value below critical threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary	A750		E	1
8DAE64	Engine uppercarr. Charge air temperature sensor 2 Error supply voltage sensors no reaction No remedy text	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DAF16	Engine uppercarr. Charge air temperature sensor suction pipe 2 Plausibility error no reaction No remedy text	A750		E	1
8DAF64	Engine uppercarr. Charge air temperature sensor suction pipe 2 Error supply voltage sensors no reaction No remedy text	A750		E	1
8DB009	Engine uppercarr. Charge air temperature sensor 2 Value above warning threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary	A750		E	1
8DB00A	Engine uppercarr. Charge air temperature sensor 2 Value above critical threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary	A750		E	1
8DB016	Engine uppercarr. Charge air temperature sensor 2 Plausibility error Engine reduction 25% (Mach-FL) No remedy text	A750		E	1
8DB064	Engine uppercarr. Charge air temperature sensor 2 Error supply voltage sensors Engine reduction 25% (Mach-FL) No remedy text	A750		E	1
8DB216	Engine uppercarr. Turbo charger rpm sensor 1 Plausibility error no reaction No remedy text	A750		E	1
8DB304	Engine uppercarr. Engine short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8DB309	Engine uppercarr. Engine Value above warning threshold no reaction No remedy text	A750		E	1
8DB30A	Engine uppercarr. Engine Value above critical threshold no reaction No remedy text	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DB30D	Engine uppercarr. Engine Short circuit after supply voltage or line interruption no reaction Check wiring between control unit and components	A750		E	1
8DB38C	Engine uppercarr. Engine High NOX emissions no reaction No remedy text	A750		E	1
8DB3A5	Engine uppercarr. Engine NOX emission values too high no reaction Check the exhaust gas aftertreatment system AGN	A750		E	1
8DB404	Engine uppercarr. Turbo charger rpm sensor 3 short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8DB409	Engine uppercarr. Turbo charger rpm sensor 3 Value above warning threshold no reaction No remedy text	A750		E	1
8DB40A	Engine uppercarr. Turbo charger rpm sensor 3 Value above critical threshold no reaction No remedy text	A750		E	1
8DB40D	Engine uppercarr. Turbo charger rpm sensor 3 Short circuit after supply voltage or line interruption no reaction Check wiring between control unit and components	A750		E	1
8DB48D	Engine uppercarr. Turbo charger rpm sensor 3 Actuated with active engine brake no reaction No remedy text	A750		E	1
8DB504	Engine uppercarr. Turbo charger rpm sensor 4 short circuit to ground no reaction Check wiring between control unit and components	A750		E	1
8DB509	Engine uppercarr. Turbo charger rpm sensor 4 Value above warning threshold no reaction No remedy text	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DB50A	Engine uppercarr. Turbo charger rpm sensor 4 Value above critical threshold no reaction No remedy text	A750		E	1
8DB50D	Engine uppercarr. Turbo charger rpm sensor 4 Short circuit after supply voltage or line interruption no reaction Check wiring between control unit and components	A750		E	1
8DB58E	Engine uppercarr. Turbo charger rpm sensor 4 Crankshaft and camshaft rpm sensors reversed no reaction No remedy text	A750		E	1
8DB653	Engine uppercarr. Monitoring system engine control unit Error plausibility starter actuation no reaction Check control unit	A750		E	1
8DB654	Engine uppercarr. Monitoring system engine control unit Ecu internal error no reaction Check components	A750		E	1
8DB65F	Engine uppercarr. Monitoring system engine control unit Error emerg. stop no reaction Check control unit	A750		E	1
8DB660	Engine uppercarr. Monitoring system engine control unit PME CAN Error no reaction Check control unit	A750		E	1
8DB665	Engine uppercarr. Monitoring system engine control unit Fuel injector plausibility error no reaction Check control unit	A750		E	1
8DB671	Engine uppercarr. Monitoring system engine control unit 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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DB70A	Engine uppercarr. Control unit temperature Value above critical threshold no reaction Check operation status of engine	A750		E	1
8DB764	Engine uppercarr. Control unit temperature Error supply voltage sensors Engine reduction 50% (Mach-FL) No remedy text	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
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		E	1
8DB921	Engine uppercarr. Digital input emerg. start Voltage outside permissible range no reaction Check wiring between control unit and components	A750		E	1
8DB964	Engine uppercarr. Digital input emerg. start Error supply voltage sensors no reaction Check wiring between control unit and components	A750		E	1
8DBA21	Engine uppercarr. Piston cooling pressure sensor 1 Voltage outside permissible range no reaction No remedy text	A750		E	1
8DBA64	Engine uppercarr. Piston cooling pressure sensor 1 Error supply voltage sensors no reaction No remedy text	A750		E	1
8DBB95	Engine uppercarr. Piston cooling pressure sensor 2 Line interruption at engine plug Engine reduction 25% (Mach-FL) Check wiring between control unit and components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DBB96	Engine uppercarr. Piston cooling pressure sensor 2 Line interruption at vehicle plug Engine reduction 25% (Mach-FL) Check wiring between control unit and components	A750		E	1
8DBC05	Engine uppercarr. Tachograph Communication error no reaction Check wiring between control unit and components	A750		E	1
8DBC07	Engine uppercarr. Tachograph Value below warning threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary	A750		E	1
8DBC09	Engine uppercarr. Tachograph Value above warning threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary	A750		E	1
8DBC0A	Engine uppercarr. Tachograph Value above critical threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary	A750		E	1
8DBC0C	Engine uppercarr. Tachograph Value below critical threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary	A750		E	1
8DBC64	Engine uppercarr. Tachograph Error supply voltage sensors no reaction No remedy text	A750		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
8DBF09	Engine uppercarr. Turbocharger 1 exhaust temperature Value above warning threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DBF0A	Engine uppercarr. Turbocharger 1 exhaust temperature Value above critical threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary	A750		E	1
8DC005	Engine uppercarr. Climatic control unit Communication error no reaction Check wiring	A750		E	1
8DC109	Engine uppercarr. Turbocharger 3 exhaust temperature Value above warning threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary	A750		E	1
8DC10A	Engine uppercarr. Turbocharger 3 exhaust temperature Value above critical threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary	A750		E	1
8DC209	Engine uppercarr. SCR system (HC overload) Value above warning threshold no reaction Sensor value o.k. but outside limit values, sensor replacement not necessary	A750		E	1
8DC20A	Engine uppercarr. SCR system (HC overload) Value above critical threshold Power reduction Check the exhaust gas aftertreatment system AGN	A750		E	1
8DC305	Engine uppercarr. Cylinder head temperature sensor Communication error no reaction Check wiring between control unit and components	A750		E	1
8DC40A	Engine uppercarr. Water in fuel sensor 2 Value above critical threshold Engine reduction 25% (Mach-FL) No remedy text	A750		E	1
8DC421	Engine uppercarr. Water in fuel sensor 2 Voltage outside permissible range Engine reduction 25% (Mach-FL) No remedy text	A750		E	1
8DC464	Engine uppercarr. Water in fuel sensor 2 Error supply voltage sensors Engine reduction 25% (Mach-FL) No remedy text	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
8DC680	Engine uppercarr. Air flap excessive speed no reaction No remedy text	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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
8DD091	Engine uppercarr. Particle filter DPF Motor stop during manual regeneration no reaction No remedy text	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DD099	Engine uppercarr. Particle filter DPF Maximum operating duration without manual regeneration exceeded Power reduction Check the exhaust gas aftertreatment system AGN	A750		E	1
8DD0A1	Engine uppercarr. Particle filter DPF Differential pressure out of valid value range/too high Power reduction Check the exhaust gas aftertreatment system AGN	A750		E	1
8DD0A2	Engine uppercarr. Particle filter DPF Differential pressure out of valid value range/too low Power reduction Check the exhaust gas aftertreatment system AGN	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
8DD164	Engine uppercarr. Travel pedal sensor 1 (voltage) Error supply voltage sensors Engine reduction 50% (Mach-FL) No remedy text	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
8DD264	Engine uppercarr. Travel pedal sensor 1 (current) Error supply voltage sensors Engine reduction 50% (Mach-FL) No remedy text	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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
8DD364	Engine uppercarr. Travel pedal sensor 2 (voltage) Error supply voltage sensors Engine reduction 50% (Mach-FL) No remedy text	A750		E	1
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
8DD464	Engine uppercarr. Travel pedal sensor 2 (current) Error supply voltage sensors Engine reduction 50% (Mach-FL) No remedy text	A750		E	1
8DD505	Engine uppercarr. Exhaust temp. before turbocharger (CMR Sensor) Communication error no reaction Check wiring	A750		E	1
8DD533	Engine uppercarr. Exhaust temp. before turbocharger (CMR Sensor) Data transfer CAN problematic no reaction Check wiring between control unit and components	A750		E	1
8DD69C	Engine uppercarr. Engine oil Change interval almost reached no reaction Check oil quality, change the oil	A750		E	1
8DD69D	Engine uppercarr. Engine oil Change interval reached no reaction Check oil quality, change the oil	A750		E	1
8DD72D	Engine uppercarr. Temp sensor exhaust aftertreatment (AGN) Installation error Power reduction Check wiring, installation	A750Ignition control uni		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DD921	Engine uppercarr. Switch idle rpm specification Voltage outside permissible range no reaction Check wiring between control unit and components	A750		E	1
8DD964	Engine uppercarr. Switch idle rpm specification Error supply voltage sensors no reaction No remedy text	A750		E	1
8DDA03	Engine uppercarr. Coolant fill level sensor short circuit to supply voltage no reaction Check wiring between control unit and component - S710	A750		E	1
8DDA0B	Engine uppercarr. Coolant fill level sensor Short circuit after ground or line interruption no reaction Check wiring between control unit and components	A750		E	1
8DDA21	Engine uppercarr. Coolant fill level sensor Voltage outside permissible range no reaction No remedy text	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 turbulant Injection qty. correction of a cyl. too high no reaction Report all error parameters to Service	A750		E	1
8DDC67	Engine uppercarr. Engine run turbulant 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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DDD73	Engine uppercarr. Engine protection power reduction Charge air pr. too low no reaction Report all error parameters to Service	A750		E	1
8DDD7F	Engine uppercarr. Engine protection power reduction Turbocharger protection active no reaction No remedy text	A750		E	1
8DDE05	Engine uppercarr. SCR control unit Communication error Engine reduction (Mach-FL) Check wiring between control unit and components	A750		E	1
8DDE7B	Engine uppercarr. SCR control unit Emission relevant error Engine reduction (Mach-FL) No remedy text	A750		E	1
8DDF16	Engine uppercarr. Rpm sensor signal camshaft (voltage) Plausibility error no reaction Check operation status of engine	A750		E	1
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
8DE364	Engine uppercarr. Pr. sensor inlet AGR Error supply voltage sensors no reaction Check wiring, sensor	A750		E	1
8DE464	Engine uppercarr. Temperature sensor inlet AGR Error supply voltage sensors no reaction Check wiring, sensor	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DE721	Engine uppercarr. Droop Switch Voltage outside permissible range no reaction No remedy text	A750		E	1
8DE764	Engine uppercarr. Droop Switch Error supply voltage sensors no reaction No remedy text	A750		E	1
8DE821	Engine uppercarr. Switch suppress error reactions Voltage outside permissible range no reaction No remedy text	A750		E	1
8DE864	Engine uppercarr. Switch suppress error reactions Error supply voltage sensors no reaction No remedy text	A750		E	1
8DE921	Engine uppercarr. Switch Overspeed recognition Voltage outside permissible range no reaction No remedy text	A750		E	1
8DE964	Engine uppercarr. Switch Overspeed recognition Error supply voltage sensors no reaction No remedy text	A750		E	1
8DEA08	Engine uppercarr. Alternator (voltage regulation) Line interruption no reaction Check wiring between control unit and components	A750		E	1
8DEA6C	Engine uppercarr. Alternator (voltage regulation) Reg. deviation current value no reaction Report all error parameters to Service	A750		E	1
8DEA6D	Engine uppercarr. Alternator (voltage regulation) Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750		E	1
8DEA6E	Engine uppercarr. Alternator (voltage regulation) Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DEA6F	Engine uppercarr. Alternator (voltage regulation) Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750		E	1
8DEA70	Engine uppercarr. Alternator (voltage regulation) Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750		E	1
8DEB08	Engine uppercarr. Alternator (shut-off function) Line interruption no reaction Check wiring between control unit and components	A750		E	1
8DEB6C	Engine uppercarr. Alternator (shut-off function) Reg. deviation current value no reaction Report all error parameters to Service	A750		E	1
8DEB6D	Engine uppercarr. Alternator (shut-off function) Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750		E	1
8DEB6E	Engine uppercarr. Alternator (shut-off function) Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750		E	1
8DEB6F	Engine uppercarr. Alternator (shut-off function) Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750		E	1
8DEB70	Engine uppercarr. Alternator (shut-off function) Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750		E	1
8DEB82	Engine uppercarr. Alternator (shut-off function) Output current too high no reaction Check wiring between control unit and component - G700	A750		E	1
8DEC05	Engine uppercarr. Wastegate Regulating valve Communication error no reaction Check wiring, flaps (smart components)	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DED08	Engine uppercarr. Machine configurable lamp outlet 3 Line interruption no reaction Check wiring between control unit and components	A750		E	1
8DED6C	Engine uppercarr. Machine configurable lamp outlet 3 Reg. deviation current value no reaction Check wiring between control unit and components	A750		E	1
8DED6D	Engine uppercarr. Machine configurable lamp outlet 3 Short circuit after supply voltage Plus switch no reaction Check wiring between control unit and components	A750		E	1
8DED6E	Engine uppercarr. Machine configurable lamp outlet 3 Short circuit after supply voltage ground switch no reaction Check wiring between control unit and components	A750		E	1
8DED6F	Engine uppercarr. Machine configurable lamp outlet 3 Short circuit after ground Plus switch no reaction Check wiring between control unit and components	A750		E	1
8DED70	Engine uppercarr. Machine configurable lamp outlet 3 Short circuit after ground, ground switch no reaction Check wiring between control unit and components	A750		E	1
8DED82	Engine uppercarr. Machine configurable lamp outlet 3 Output current too high no reaction Check wiring between control unit and components	A750		E	1
8DEE55	Engine uppercarr. Pr. relief valve high pr. injection system 2 Too many activations no reaction No remedy text	A750		E	1
8DEE56	Engine uppercarr. Pr. relief valve high pr. injection system 2 Valve open Engine reduction 50% (Mach-FL) No remedy text	A750		E	1
8DF521	Engine uppercarr. Oil filter 2 Voltage outside permissible range no reaction No remedy text	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
8DF564	Engine uppercarr. Oil filter 2 Error supply voltage sensors no reaction No remedy text	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
950111	Motor Superstructure: Critical internal error in engine control unit Customer documentation, Cummins Replace control unit; J1939: spn 629 fmi12; Cummins: 0111	A750		E	1
950112	Motor Superstructure: Motor-control link line interruption Customer documentation, Cummins Check control link, wiring; J1939: spn 635 fmi 7; Cummins: 0112	A750		E	1
950113	Motor Superstructure: Motor-control link short circuit after supply voltage Customer documentation, Cummins Check control link, wiring; J1939: spn 635 fmi 3; Cummins: 0113	A750		E	1
950115	Motor Superstructure: Magnetic sensor RPM /position both signals missing Customer documentation, Cummins Check sensors, wiring; J1939: spn 190 fmi 2; Cummins: 0115	A750		E	1
950116	Motor Superstructure: Sensor Diesel-pressure short circuit after supply voltage Customer documentation, Cummins Check sensor, wiring; J1939: spn 156 fmi 3; Cummins: 0116	A750		E	1
950117	Motor Superstructure: Sensor Diesel-pressure short circuit after ground Customer documentation, Cummins Check sensor, wiring; J1939: spn 156 fmi 4; Cummins: 0117	A750		E	1
950118	Motor Superstructure: Sensor Diesel pump pressure short circuit after supply voltage Customer documentation, Cummins Check sensor, wiring; J1939: spn 135 fmi 3; Cummins: 0118	A750		E	1
950119	Motor Superstructure: Sensor Diesel pump pressure short circuit after ground Customer documentation, Cummins Check sensor, wiring; J1939: spn 135 fmi 4; Cummins: 0119	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
950121	Motor Superstructure: Magnetic sensor RPM/position on signal missing Customer documentation, Cummins Check sensors, wiring; J1939: spn 190 fmi10; Cummins: 0121	A750		E	1
950122	Motor Superstructure: Sensor 1 Temperature intake manifold short circuit after supply voltag Customer documentation, Cummins Check sensor, wiring; J1939: spn 102 fmi 3; Cummins: 0122	A750		E	1
950123	Motor Superstructure: Sensor 1 Temperature intake manifold short circuit after ground Customer documentation, Cummins Check sensor, wiring; J1939: spn 102 fmi 4; Cummins: 0123	A750		E	1
950131	Motor Superstructure: Sensor Gas pedal position short circuit after supply voltage Customer documentation, Cummins Check sensor, wiring; J1939: spn 91 fmi 3; Cummins: 0131	A750		E	1
950132	Motor Superstructure: Sensor Gas pedal position short circuit after ground Customer documentation, Cummins Check sensor, wiring; J1939: spn 91 fmi 4; Cummins: 0132	A750		E	1
950133	Motor Superstructure: Sensor 2. Gas pedal position short circuit after supply voltage Customer documentation, Cummins Check sensor, wiring; J1939: spn 29 fmi 3; Cummins: 0133	A750		E	1
950134	Motor Superstructure: Sensor 2. Gas pedal position short circuit after ground Customer documentation, Cummins Check sensor, wiring; J1939: spn 29 fmi 4; Cummins: 0134	A750		E	1
950135	Motor Superstructure: Sensor Engine oil pressure short circuit after supply voltage Customer documentation, Cummins Check sensor, wiring; J1939: spn 100 fmi 3; Cummins: 0135	A750		E	1
950141	Motor Superstructure: Sensor Engine oil pressure short circuit after ground Customer documentation, Cummins Check sensor, wiring; J1939: spn 100 fmi 4; Cummins: 0141	A750		E	1
950143	Motor Superstructure: Warning engine oil pressure too low Customer documentation, Cummins Check oil level,lube oil supply; J1939: spn 100 fmi 1; Cummins: 0143	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
950144	Motor Superstructure: Sensor Coolant temperature short circuit after supply voltage Customer documentation, Cummins Check sensor, wiring; J1939: spn 110 fmi 3; Cummins: 0144	A750		E	1
950145	Motor Superstructure: Sensor Coolant temperature short circuit after ground Customer documentation, Cummins Check sensor, wiring; J1939: spn 110 fmi 4; Cummins: 0145	A750		E	1
950146	Motor Superstructure: Warning Coolant temperature too high Customer documentation, Cummins Check cooling, sensor; J1939: spn 110 fmi16; Cummins: 0146	A750		E	1
950147	Motor Superstructure: Sensor Gas pedal position Frequency too low Customer documentation, Cummins Check sensor, wiring; J1939: spn 91 fmi 8; Cummins: 0147	A750		E	1
950148	Motor Superstructure: Sensor Gas pedal position Frequency too high Customer documentation, Cummins Check sensor, wiring; J1939: spn 91 fmi 9; Cummins: 0148	A750		E	1
950151	Motor Superstructure: Warning coolant temperature above critical value Customer documentation, Cummins Check cooling, sensor; J1939: spn 110 fmi 0; Cummins: 0151	A750		E	1
950153	Motor Superstructure: Sensor 1 temperature intake air short circuit after supply voltage Customer documentation, Cummins Check sensor, wiring; J1939: spn 105 fmi 3; Cummins: 0153	A750		E	1
950154	Motor Superstructure: Sensor 1 temperature Intake air short circuit after ground Customer documentation, Cummins Check sensor, wiring; J1939: spn 105 fmi 4; Cummins: 0154	A750		E	1
950155	Motor Superstructure: temperature 1 intake air above critical value Customer documentation, Cummins Check cooling, sensor; J1939: spn 105 fmi 0; Cummins: 0155	A750		E	1
950221	Motor Superstructure: Sensor Atmospheric pressure short circuit after supply voltage Customer documentation, Cummins Check sensor, wiring; J1939: spn 108 fmi 3; Cummins: 0221	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
950222	Motor Superstructure: Sensor Atmospheric pressure short circuit after ground Customer documentation, Cummins Check sensor, wiring; J1939: spn 108 fmi 4; Cummins: 0222	A750		E	1
950223	Motor Superstructure: Solenoid valve oil combustion short circuit after ground Customer documentation, Cummins Check valve, wiring; J1939: spn 1265 fmi 4; Cummins: 0223	A750		E	1
950224	Motor Superstructure: Solenoid valve Oil exchange short circuit after ground Customer documentation, Cummins Check valve, wiring; J1939: spn 1266 fmi 4; Cummins: 0224	A750		E	1
950231	Motor Superstructure: Sensor Coolant pressure short circuit after supply voltage Customer documentation, Cummins Check sensor, wiring; J1939: spn 109 fmi 3; Cummins: 0231	A750		E	1
950232	Motor Superstructure: Sensor Coolant pressure short circuit after ground Customer documentation, Cummins Check sensor, wiring; J1939: spn 109 fmi 4; Cummins: 0232	A750		E	1
950233	Motor Superstructure: Warning Coolant pressure below critical range Customer documentation, Cummins Check coolant circuit / pump, sensor; J1939: spn 109 fmi 1; Cummins: 0233	A750		E	1
950235	Motor Superstructure: Warning Coolant level too low Customer documentation, Cummins Check coolant level, sensor; J1939: spn 111 fmi 1; Cummins: 0235	A750		E	1
950237	Motor Superstructure: External RPM signal implausible (multiple unit synchronization) Customer documentation, Cummins Check sensor, wiring; J1939: spn 644 fmi 2; Cummins: 0237	A750		E	1
950254	Motor Superstructure: Valve fuel shut off short circuit after ground Customer documentation, Cummins Check valve, wiring; J1939: spn 632 fmi 4; Cummins: 0254	A750		E	1
950259	Motor Superstructure: Valve fuel shut off stuck in open condition Customer documentation, Cummins Check valve, wiring; J1939: spn 632 fmi 7; Cummins: 0259	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
950261	Motor Superstructure: Warning fuel temperature too high Customer documentation, Cummins Let tank/fuel line cool off; J1939: spn 174 fmi 0; Cummins: 0261	A750		E	1
950263	Motor Superstructure: Sensor fuel temperature short circuit after supply voltage Customer documentation, Cummins Check sensor, wiring; J1939: spn 174 fmi 3; Cummins: 0263	A750		E	1
950265	Motor Superstructure: Sensor fuel temperature short circuit after ground Customer documentation, Cummins Check sensor, wiring; J1939: spn 174 fmi 4; Cummins: 0265	A750		E	1
950292	Motor Superstructure: Warning Sensor auxiliary temperature input 1, engine guard function ac Customer documentation, Cummins Check sensor, medium/cooling; J1939: spn 1084 fmi14; Cummins: 0292	A750		E	1
950293	Motor Superstructure: Sensor aux. temperature input 1 short circuit after Versorgungsspannung Customer documentation, Cummins Check sensor, wiring; J1939: spn 1083 fmi 3; Cummins: 0293	A750		E	1
950294	Motor Superstructure: Sensor aux. temperature input 1 short circuit after ground Customer documentation, Cummins Check sensor, wiring; J1939: spn 1083 fmi 4; Cummins: 0294	A750		E	1
950296	Motor Superstructure: Warning Sensor aux. temp. input 2, engine guard function active Customer documentation, Cummins Check sensor, medium/cooling; J1939: spn 1083 fmi14; Cummins: 0296	A750		E	1
950297	Motor Superstructure: Sensor aux. temperature input 2 short circuit after supply voltage Customer documentation, Cummins Check sensor, wiring; J1939: spn 1084 fmi 3; Cummins: 0297	A750		E	1
950298	Motor Superstructure: Sensor aux. temperature input 2 short circuit after ground Customer documentation, Cummins Check sensor, wiring; J1939: spn 1084 fmi 4; Cummins: 0298	A750		E	1
950299	Motor Superstructure: Engine stop signal from CAN Customer documentation, Cummins CAN-transfer erroneous, function not implemented; J1939: spn 1384 fmi31; Cummins: 0299	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
950316	Motor Superstructure: Fuel pump control short circuit after supply voltage Customer documentation, Cummins Check pump, wiring; J1939: spn 931 fmi 3; Cummins: 0316	A750		E	1
950318	Motor Superstructure: Fuel pump control mechanically stuck Customer documentation, Cummins Check pump; J1939: spn 931 fmi 7; Cummins: 0318	A750		E	1
950343	Motor Superstructure: internal Hardware error engine control unit Customer documentation, Cummins Replace control unit; J1939: spn 629 fmi12; Cummins: 0343	A750		E	1
950346	Motor Superstructure: internal Software error engine control unit Customer documentation, Cummins Replace control unit; J1939: spn 630 fmi12; Cummins: 0346	A750		E	1
950349	Motor Superstructure: Warning overspeed on output Customer documentation, Cummins Check sensors, wiring, injection system; possibly auxiliary drive; J1939: spn 191 fmi 0; Cummins: 0349	A750		E	1
950384	Motor Superstructure: Control unit starter aid error in current circuit (ether injection) Customer documentation, Cummins Check control unit, wiring; J1939: spn 626 fmi11; Cummins: 0384	A750		E	1
950415	Motor Superstructure: Warning engine oil pressure too low Customer documentation, Cummins Check oil level, lube oil supply; J1939: spn 100 fmi 1; Cummins: 0415	A750		E	1
950422	Motor Superstructure: Sensor coolant level data incorrect Customer documentation, Cummins Check coolant level, sensor; J1939: spn 111 fmi 2; Cummins: 0422	A750		E	1
950423	Motor Superstructure: Pressure on regulator for injection timing or actuator stuck Customer documentation, Cummins Check regulator, actuator; J1939: spn 156 fmi 2; Cummins: 0423	A750		E	1
950426	Motor Superstructure: CAN-Data transfer sending error Customer documentation, Cummins Check CAN-Bus system, wiring, control units; J1939: spn 639 fmi 2; Cummins: 0426	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
950427	Motor Superstructure: CAN-Data transfer permissible transfer time exceeded Customer documentation, Cummins Check CAN-Bus system, wiring, control units; J1939: spn 639 fmi 9; Cummins: 0427	A750		E	1
950431	Motor Superstructure: Gas pedal value empty gas recognition erroneous Customer documentation, Cummins Check gas pedal, empty gas position; J1939: spn 91 fmi 2; Cummins: 0431	A750		E	1
950432	Motor Superstructure: Gas pedal value empty gas position not learned Customer documentation, Cummins Check gas pedal, empty gas position; J1939: spn 91 fmi13; Cummins: 0432	A750		E	1
950441	Motor Superstructure: Warning battery voltage 1 low voltage Customer documentation, Cummins Check battery, alternator; J1939: spn 168 fmi 1; Cummins: 0441	A750		E	1
950442	Motor Superstructure: Warning battery voltage 1 over voltage Customer documentation, Cummins Check alternator; J1939: spn 168 fmi 0; Cummins: 0442	A750		E	1
950451	Motor Superstructure: Sensor metering pressure Rail 1 short circuit after supply voltage Customer documentation, Cummins Check sensor, wiring; J1939: spn 157 fmi 3; Cummins: 0451	A750		E	1
950452	Motor Superstructure: Sensor metering pressure Rail 1 short circuit after ground Customer documentation, Cummins Check sensor, wiring; J1939: spn 157 fmi 4; Cummins: 0452	A750		E	1
950455	Motor Superstructure: Valve fuel check short circuit after supply voltage Customer documentation, Cummins Check actuator, wiring; J1939: spn 633 fmi 3; Cummins: 0455	A750		E	1
950467	Motor Superstructure: Data control Rail actuator erroneous/implausible Customer documentation, Cummins Check actuator, wiring; J1939: spn 635 fmi 2; Cummins: 0467	A750		E	1
950468	Motor Superstructure: Data Actuator Fuel line erroneous/implausible Customer documentation, Cummins Check actuator, wiring; J1939: spn 633 fmi 2; Cummins: 0468	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
950487	Motor Superstructure: Starter aid control canister empty (ether injection) Customer documentation, Cummins Add starter aid fluid (ether), check sensor; J1939: spn 626 fmi 1; Cummins: 0487	A750		E	1
950489	Motor Superstructure: Warning sub RPM on output (Aux Gov) Customer documentation, Cummins Check sensors, wiring, injection system; possibly aux. drive; J1939: spn 191 fmi 1; Cummins: 0489	A750		E	1
950497	Motor Superstructure: Synchronization switch Universal unit (multiple unit) erroneous Customer documentation, Cummins Check switch, wiring; J1939: spn 1377 fmi 2; Cummins: 0497	A750		E	1
950514	Motor Superstructure: Valve fuel check mechanically stuck Customer documentation, Cummins Check actuator, wiring; J1939: spn 633 fmi 7; Cummins: 0514	A750		E	1
950527	Motor Superstructure: Additional in / output 2 AUX short circuit after supply voltage Customer documentation, Cummins Check control unit, wiring; J1939: spn 702 fmi 3; Cummins: 0527	A750		E	1
950529	Motor Superstructure: Additional in / output 3 AUX short circuit after supply voltage Customer documentation, Cummins Check control unit, wiring; J1939: spn 703 fmi 3; Cummins: 0529	A750		E	1
950551	Motor Superstructure: Gas pedal empty gas check short circuit after ground Customer documentation, Cummins Check gas pedal, empty gas position; J1939: spn 91 fmi 4; Cummins: 0551	A750		E	1
950553	Motor Superstructure: Warning pressure regulation injector Rail 1 overpressure Customer documentation, Cummins Check pressure regulator, sensor; J1939: spn 157 fmi 0; Cummins: 0553	A750		E	1
950554	Motor Superstructure: Sensor error fuel pressure Customer documentation, Cummins Check sensor, wiring; J1939: spn 157 fmi 2; Cummins: 0554	A750		E	1
950555	Motor Superstructure: Warning Motor air circulation (blow-by) Customer documentation, Cummins Check air supply; J1939: spn 1264 fmi 0; Cummins: 0555	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
950611	Motor Superstructure: Stop due to overheating engine Customer documentation, Cummins Check cooling, cool off engine; J1939: spn 1383 fmi31; Cummins: 0611	A750		E	1
950649	Motor Superstructure: Change lube oil and filter Customer documentation, Cummins Maintenance lube oil supply; J1939: spn 1378 fmi 0; Cummins: 0649	A750		E	1
950719	Motor Superstructure: Pr. sensor air circ. crankshaft housing short circuit aft. supply volt Customer documentation, Cummins Check sensor, wiring; J1939: spn 1264 fmi 3; Cummins: 0719	A750		E	1
950729	Motor Superstructure: Pressure sensor air circ. crankshaft housing short circuit after ground Customer documentation, Cummins Check sensor, wiring; J1939: spn 1264 fmi 4; Cummins: 0729	A750		E	1
950753	Motor Superstructure: RPM/Position 2 Synchronization error cam Customer documentation, Cummins Check sensors, wiring; J1939: spn 723 fmi 2; Cummins: 0753	A750		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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
F0F0A1	LSB-BKE1: Control Funktion locked: sequence of key actuation not observed Entry in error stack Carry out the manual buttons release	A371		B	1
F0F0A2	LSB-BKE1: Control Funktion 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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-250.D4	E	1
F41A63	LSB-BTB4: LSBA Participant Adr. 26 not available or open line	A34.X4:12	O-250.D4	E	1
F43508	LSB-BTB4: LSBB Participant Adr. 5 bus transmission exceeded	A34.X4:9	O-250.D5	E	1
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-247.C2/247.C3	E	2
F4C705	LSB-BTB4: Supply voltage 30 (A0-7) / CPU0 below minimum level	A34.X1:2/3	O-247.C2/247.C3	E	2
F4C804	LSB-BTB4: Supply voltage 15.1 / CPU0 level exceeded	A34.X1:1	O-247.C4	E	2
F4C805	LSB-BTB4: Supply voltage 15.1 / CPU0 below minimum level	A34.X1:1	O-247.C4	E	2
F4C80F	LSB-BTB4: Supply voltage 15.1 / CPU0 different information on other processor	A34.X1:1	O-247.C4	E	2
F4CC04	LSB-BTB4: System voltage Logic / CPU1 level exceeded	A34		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-247.C6/247.C6	E	2
F4CE05	LSB-BTB4: Supply voltage 30 (A8-15) / CPU1 below minimum level	A34.X2:2/3	O-247.C6/247.C6	E	2
F4CF04	LSB-BTB4: Supply voltage 15.2 / CPU1 level exceeded	A34.X2:1	O-247.C4	E	2
F4CF05	LSB-BTB4: Supply voltage 15.2 / CPU1 below minimum level	A34.X2:1	O-247.C4	E	2
F4CF0F	LSB-BTB4: Supply voltage 15.2 / CPU1 different information on other processor	A34.X2:1	O-247.C4	E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4D004	LSB-BTB4: Digital input E0 level exceeded	A34.X1:4	O-269.F3	E	2
F4D005	LSB-BTB4: Digital input E0 below minimum level	A34.X1:4	O-269.F3	E	2
F4D012	LSB-BTB4: Digital input E0 short circuit to ground	A34.X1:4	O-269.F3	E	1
F4D014	LSB-BTB4: Digital input E0 short circuit to supply voltage	A34.X1:4	O-269.F3	E	1
F4D104	LSB-BTB4: Digital input E1 level exceeded	A34.X1:5	O-184.F2	E	2
F4D105	LSB-BTB4: Digital input E1 below minimum level	A34.X1:5	O-184.F2	E	2
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	O-249.A5	E	2
F4D305	LSB-BTB4: Digital input E3 below minimum level	A34.X1:7	O-249.A5	E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4D354	LSB-BTB4: Digital input E3 short circuit to supply voltage	A34.X1:7	O-249.A5	E.	1
F4D356	LSB-BTB4: Digital input E3 open circuit or short circuit to ground	A34.X1:7	O-249.A5	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
F4D804	LSB-BTB4: Digital input E8 level exceeded	A34.X2:4	O-247.C5	E	2
F4D805	LSB-BTB4: Digital input E8 below minimum level	A34.X2:4	O-247.C5	E	2
F4D904	LSB-BTB4: Digital input E9 level exceeded	A34.X2:5	O-182.D3	E	2
F4D905	LSB-BTB4: Digital input E9 below minimum level	A34.X2:5	O-182.D3	E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4DA04	LSB-BTB4: Digital input E10 level exceeded	A34.X2:6	O-184.F3	E	2
F4DA05	LSB-BTB4: Digital input E10 below minimum level	A34.X2:6	O-184.F3	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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-268.A5	E	2
F4E21D	LSB-BTB4: Switching output A2 Initial current outside permissible range	A34.X1:14	O-268.A5	E	2
F4E254	LSB-BTB4: Switching output A2 short circuit to supply voltage	A34.X1:14	O-268.A5	E	2
F4E272	LSB-BTB4: Switching output A2 outside source feeding	A34.X1:14	O-268.A5	E	2
F4E312	LSB-BTB4: Switching output A3 short circuit to ground	A34.X1:15	O-362.A5	E	2
F4E31D	LSB-BTB4: Switching output A3 Initial current outside permissible range	A34.X1:15	O-362.A5	E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4E354	LSB-BTB4: Switching output A3 short circuit to supply voltage	A34.X1:15	O-362.A5	E	2
F4E372	LSB-BTB4: Switching output A3 outside source feeding	A34.X1:15	O-362.A5	E	2
F4E412	LSB-BTB4: Switching output A4 short circuit to ground	A34.X1:16	O-268.A6	E	2
F4E41D	LSB-BTB4: Switching output A4 Initial current outside permissible range	A34.X1:16	O-268.A6	E	2
F4E454	LSB-BTB4: Switching output A4 short circuit to supply voltage	A34.X1:16	O-268.A6	E	2
F4E472	LSB-BTB4: Switching output A4 outside source feeding	A34.X1:16	O-268.A6	E	2
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4E612	LSB-BTB4: Switching output A6 short circuit to ground	A34.X1:18	O-249.A2	E	2
F4E61D	LSB-BTB4: Switching output A6 Initial current outside permissible range	A34.X1:18	O-249.A2	E	2
F4E654	LSB-BTB4: Switching output A6 short circuit to supply voltage	A34.X1:18	O-249.A2	E	2
F4E672	LSB-BTB4: Switching output A6 outside source feeding	A34.X1:18	O-249.A2	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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	O-249.A8	E	2
F4EC1D	LSB-BTB4: Switching output A12 Initial current outside permissible range	A34.X2:16	O-249.A8	E	2
F4EC54	LSB-BTB4: Switching output A12 short circuit to supply voltage	A34.X2:16	O-249.A8	E	2
F4EC72	LSB-BTB4: Switching output A12 outside source feeding	A34.X2:16	O-249.A8	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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
F4EF12	LSB-BTB4: Switching output A15 short circuit to ground	A34.X2:19	O-249.A6	E	2
F4EF1D	LSB-BTB4: Switching output A15 Initial current outside permissible range	A34.X2:19	O-249.A6	E	2
F4EF54	LSB-BTB4: Switching output A15 short circuit to supply voltage	A34.X2:19	O-249.A6	E	2
F4EF72	LSB-BTB4: Switching output A15 outside source feeding	A34.X2:19	O-249.A6	E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
FE017A	Unknown Device: System error or unknown path Configuration file missing or faulty error indication on display Inform Service of all error parameters and replace module			E	2