LICCON ERROR CODE (LEC)

LR-1600/2

074522

21.10.2010

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

Reference	Identification number	Illustration number
Electrics Superstructure	986785008	1366-932.02.10.001-
Electrics Carrier	kein SCHALTPLAN UW	kein SCHALTPLAN UW
Error list	-1106380	9181-700.01.00.000.004

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

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
000051	ZE 0: system error OS-HC11 (observe parameters) file already opened entry in error memory, all crane movements will be stopped	A420		E	2
000052	ZE 0: system error OS-HC11 (observe parameters) file not open on close entry in error memory, all crane movements will be stopped	A420		E	2
000053	ZE 0: system error OS-HC11 (observe parameters) system mask not available entry in error memory, all crane movements will be stopped	A420		E	2
000054	ZE 0: system error OS-HC11 (observe parameters) system text not available entry in error memory, all crane movements will be stopped	A420		E	2
000055	ZE 0: system error OS-HC11 (observe parameters) symbol not available entry in error memory, all crane movements will be stopped	A420		E	2
000056	ZE 0: system error OS-HC11 (observe parameters) invalid mark in symbol entry in error memory, all crane movements will be stopped	A420		E	2
000057	ZE 0: system error OS-HC11 (observe parameters) default load chart missing entry in error memory, all crane movements will be stopped	A420		E	2
000058	ZE 0: system error OS-HC11 (observe parameters) amplifier erroneous or return power feed entry in error memory, all crane movements will be stopped check wiring	A420		E	2
000059	ZE 0: system error OS-HC11 (observe parameters) subroutine not reenterant 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
020504	ZE 0: LSB participant address 5 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
020505	ZE 0: LSB participant address 5 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
020518	ZE 0: LSB participant address 5 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
020550	ZE 0: LSB participant address 5 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
020551	ZE 0: LSB participant address 5 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
020553	ZE 0: LSB participant address 5 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
020554	ZE 0: LSB participant address 5 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
020564	ZE 0: LSB participant address 5 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
020565	ZE 0: LSB participant address 5 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
020566	ZE 0: LSB participant address 5 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
020567	ZE 0: LSB participant address 5 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
020604	ZE 0: LSB participant address 6 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
020605	ZE 0: LSB participant address 6 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
020618	ZE 0: LSB participant address 6 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
020650	ZE 0: LSB participant address 6 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
020651	ZE 0: LSB participant address 6 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
020653	ZE 0: LSB participant address 6 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
020654	ZE 0: LSB participant address 6 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
020664	ZE 0: LSB participant address 6 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
020665	ZE 0: LSB participant address 6 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
020666	ZE 0: LSB participant address 6 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
020667	ZE 0: LSB participant address 6 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
020704	ZE 0: LSB participant address 7 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
020705	ZE 0: LSB participant address 7 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
020718	ZE 0: LSB participant address 7 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
020750	ZE 0: LSB participant address 7 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
020751	ZE 0: LSB participant address 7 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
020753	ZE 0: LSB participant address 7 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
020754	ZE 0: LSB participant address 7 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
020764	ZE 0: LSB participant address 7 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
020765	ZE 0: LSB participant address 7 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
020766	ZE 0: LSB participant address 7 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
020767	ZE 0: LSB participant address 7 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
020804	ZE 0: LSB participant address 8 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
020805	ZE 0: LSB participant address 8 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
020818	ZE 0: LSB participant address 8 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
020850	ZE 0: LSB participant address 8 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
020851	ZE 0: LSB participant address 8 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
020853	ZE 0: LSB participant address 8 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
020854	ZE 0: LSB participant address 8 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
020864	ZE 0: LSB participant address 8 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
020865	ZE 0: LSB participant address 8 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
020866	ZE 0: LSB participant address 8 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
020966	ZE 0: LSB participant address 9 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
020967	ZE 0: LSB participant address 9 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
021004	ZE 0: LSB participant address 10 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
021005	ZE 0: LSB participant address 10 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
021018	ZE 0: LSB participant address 10 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
021050	ZE 0: LSB participant address 10 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
021051	ZE 0: LSB participant address 10 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
021053	ZE 0: LSB participant address 10 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
021054	ZE 0: LSB participant address 10 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
021064	ZE 0: LSB participant address 10 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
021254	ZE 0: LSB participant address 12 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
021264	ZE 0: LSB participant address 12 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
021265	ZE 0: LSB participant address 12 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
021266	ZE 0: LSB participant address 12 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
021267	ZE 0: LSB participant address 12 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
021304	ZE 0: LSB participant address 13 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
021305	ZE 0: LSB participant address 13 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
021318	ZE 0: LSB participant address 13 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
021350	ZE 0: LSB participant address 13 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
021351	ZE 0: LSB participant address 13 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
021353	ZE 0: LSB participant address 13 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
021354	ZE 0: LSB participant address 13 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
021364	ZE 0: LSB participant address 13 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
021365	ZE 0: LSB participant address 13 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
021366	ZE 0: LSB participant address 13 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
021367	ZE 0: LSB participant address 13 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
021404	ZE 0: LSB participant address 14 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
021405	ZE 0: LSB participant address 14 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
021418	ZE 0: LSB participant address 14 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
021450	ZE 0: LSB participant address 14 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
021451	ZE 0: LSB participant address 14 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
021453	ZE 0: LSB participant address 14 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
021454	ZE 0: LSB participant address 14 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
021464	ZE 0: LSB participant address 14 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
021465	ZE 0: LSB participant address 14 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
021466	ZE 0: LSB participant address 14 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
021467	ZE 0: LSB participant address 14 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
021504	ZE 0: LSB participant address 15 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
021505	ZE 0: LSB participant address 15 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
021518	ZE 0: LSB participant address 15 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
021550	ZE 0: LSB participant address 15 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
021551	ZE 0: LSB participant address 15 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
021553	ZE 0: LSB participant address 15 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
021554	ZE 0: LSB participant address 15 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
021564	ZE 0: LSB participant address 15 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
021565	ZE 0: LSB participant address 15 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
021566	ZE 0: LSB participant address 15 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
021567	ZE 0: LSB participant address 15 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
021604	ZE 0: LSB participant address 16 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
021605	ZE 0: LSB participant address 16 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
021618	ZE 0: LSB participant address 16 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
021650	ZE 0: LSB participant address 16 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
021651	ZE 0: LSB participant address 16 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
021653	ZE 0: LSB participant address 16 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
021654	ZE 0: LSB participant address 16 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
021664	ZE 0: LSB participant address 16 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
021665	ZE 0: LSB participant address 16 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
021666	ZE 0: LSB participant address 16 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
021667	ZE 0: LSB participant address 16 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
021704	ZE 0: LSB participant address 17 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
021705	ZE 0: LSB participant address 17 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
021718	ZE 0: LSB participant address 17 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
021750	ZE 0: LSB participant address 17 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
021751	ZE 0: LSB participant address 17 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
021753	ZE 0: LSB participant address 17 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
021754	ZE 0: LSB participant address 17 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
021764	ZE 0: LSB participant address 17 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
021765	ZE 0: LSB participant address 17 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
021766	ZE 0: LSB participant address 17 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
021767	ZE 0: LSB participant address 17 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
021804	ZE 0: LSB participant address 18 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
021805	ZE 0: LSB participant address 18 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
021818	ZE 0: LSB participant address 18 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
021850	ZE 0: LSB participant address 18 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
021851	ZE 0: LSB participant address 18 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
021853	ZE 0: LSB participant address 18 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
021854	ZE 0: LSB participant address 18 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
021864	ZE 0: LSB participant address 18 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
021865	ZE 0: LSB participant address 18 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
021866	ZE 0: LSB participant address 18 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
021867	ZE 0: LSB participant address 18 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
021904	ZE 0: LSB participant address 19 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
021905	ZE 0: LSB participant address 19 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
021918	ZE 0: LSB participant address 19 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
021950	ZE 0: LSB participant address 19 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
021951	ZE 0: LSB participant address 19 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
021953	ZE 0: LSB participant address 19 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
021954	ZE 0: LSB participant address 19 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
021964	ZE 0: LSB participant address 19 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
021965	ZE 0: LSB participant address 19 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
021966	ZE 0: LSB participant address 19 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
021967	ZE 0: LSB participant address 19 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
022004	ZE 0: LSB participant address 20 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
022005	ZE 0: LSB participant address 20 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
022018	ZE 0: LSB participant address 20 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
022050	ZE 0: LSB participant address 20 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
022051	ZE 0: LSB participant address 20 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
022053	ZE 0: LSB participant address 20 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
022054	ZE 0: LSB participant address 20 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
022064	ZE 0: LSB participant address 20 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
022065	ZE 0: LSB participant address 20 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
022066	ZE 0: LSB participant address 20 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
022067	ZE 0: LSB participant address 20 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
022354	ZE 0: LSB participant address 23 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
022364	ZE 0: LSB participant address 23 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
022365	ZE 0: LSB participant address 23 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
022366	ZE 0: LSB participant address 23 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
022367	ZE 0: LSB participant address 23 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
022404	ZE 0: LSB participant address 24 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
022405	ZE 0: LSB participant address 24 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
022418	ZE 0: LSB participant address 24 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
022453	ZE 0: LSB participant address 24 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
022454	ZE 0: LSB participant address 24 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
022464	ZE 0: LSB participant address 24 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
022465	ZE 0: LSB participant address 24 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
022466	ZE 0: LSB participant address 24 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
022467	ZE 0: LSB participant address 24 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
022504	ZE 0: LSB participant address 25 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
022505	ZE 0: LSB participant address 25 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
022518	ZE 0: LSB participant address 25 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
022550	ZE 0: LSB participant address 25 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
022551	ZE 0: LSB participant address 25 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
022553	ZE 0: LSB participant address 25 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
022554	ZE 0: LSB participant address 25 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
022564	ZE 0: LSB participant address 25 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
022565	ZE 0: LSB participant address 25 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
022566	ZE 0: LSB participant address 25 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
022567	ZE 0: LSB participant address 25 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
022604	ZE 0: LSB participant address 26 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
022605	ZE 0: LSB participant address 26 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
022618	ZE 0: LSB participant address 26 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
022650	ZE 0: LSB participant address 26 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
022651	ZE 0: LSB participant address 26 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
022653	ZE 0: LSB participant address 26 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
022654	ZE 0: LSB participant address 26 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
022664	ZE 0: LSB participant address 26 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
022665	ZE 0: LSB participant address 26 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
022666	ZE 0: LSB participant address 26 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
022667	ZE 0: LSB participant address 26 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
022704	ZE 0: LSB participant address 27 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
022705	ZE 0: LSB participant address 27 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
022718	ZE 0: LSB participant address 27 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
022750	ZE 0: LSB participant address 27 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
022751	ZE 0: LSB participant address 27 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
022753	ZE 0: LSB participant address 27 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
022754	ZE 0: LSB participant address 27 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
022764	ZE 0: LSB participant address 27 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
022765	ZE 0: LSB participant address 27 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
022766	ZE 0: LSB participant address 27 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
022767	ZE 0: LSB participant address 27 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
022804	ZE 0: LSB participant address 28 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
022805	ZE 0: LSB participant address 28 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
022818	ZE 0: LSB participant address 28 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
022850	ZE 0: LSB participant address 28 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
022851	ZE 0: LSB participant address 28 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
022853	ZE 0: LSB participant address 28 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
022854	ZE 0: LSB participant address 28 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
022864	ZE 0: LSB participant address 28 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
022865	ZE 0: LSB participant address 28 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
022866	ZE 0: LSB participant address 28 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2
022867	ZE 0: LSB participant address 28 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
022904	ZE 0: LSB participant address 29 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
022905	ZE 0: LSB participant address 29 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
022918	ZE 0: LSB participant address 29 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
022950	ZE 0: LSB participant address 29 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
022951	ZE 0: LSB participant address 29 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
022953	ZE 0: LSB participant address 29 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
022954	ZE 0: LSB participant address 29 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
022964	ZE 0: LSB participant address 29 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
022965	ZE 0: LSB participant address 29 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2
022966	ZE 0: LSB participant address 29 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A420.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
022967	ZE 0: LSB participant address 29 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A420.X2:z14/z16		E	1
023004	ZE 0: LSB participant address 30 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A420.X2:z14/z16		E	1
023005	ZE 0: LSB participant address 30 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A420.X2:z14/z16		E	1
023018	ZE 0: LSB participant address 30 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A420.X2:z14/z16		E	0
023050	ZE 0: LSB participant address 30 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A420.X2:z14/z16		E	2
023051	ZE 0: LSB participant address 30 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A420.X2:z14/z16		E	2
023053	ZE 0: LSB participant address 30 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A420.X2:z14/z16		E	1
023054	ZE 0: LSB participant address 30 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A420.X2:z14/z16		E	2
023064	ZE 0: LSB participant address 30 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A420.X2:z14/z16		E	1
023065	ZE 0: LSB participant address 30 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A420.X2:z14/z16		E	2

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
023262	ZE 0: Control data transfer LSB driver error: initialising 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
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
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
030004	ZE 0: LMB Winch use input on monitor 0 is erroneous LMB calculates with weakest winch type (Default winch type), max. load is reduced, weigh load, if nec. Correct input on monitor	A420		B	1
030005	ZE 0: LMB winch 1 not regulated, hook course indicator erroneous imprecise winch control and incorrect hook course indication for winch 1 Start up adjustment switch for range of lift display for winch 1 in lowering direction	A420		E	1
030006	ZE 0: LMB winch 2 not regulated, hook course indicator erroneous imprecise winch control and incorrect hook course indication of winch 2 trigger adjustment switch for hook course indication of winch 2 through lowering	A420		E	1
030016	ZE 0: LMB Pressure transducer overtop guard cyl main boom faulty/not present Load display too great Check sensor and supply line, replace faulty sensor	A420		E	1
030023	ZE 0: LMB Several winches 6 (A, B, ...) installed simultaneously LMB calculates using the weakest type of winch (default-winch type), max. load is reduced if necessary Check affiliated LSB sensor	A420		E	1
030024	ZE 0: LMB Pressure transmitter S-RFP A (left) erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A420		E	2
030025	ZE 0: LMB Pressure transmitter S-RFP B (right) erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A420		E	2
03002A	ZE 0: LMB Force test axle S-relapse cyl. A (left) erroneous/missing Load display if necessary imprecise Check sensor and supply line, replace faulty sensor	A420		E	1
03002B	ZE 0: LMB Force test axle S-relapse cyl. B (right) erroneous/missing Load display if necessary imprecise Check sensor and supply line, replace faulty sensor	A420		E	1
03002C	ZE 0: LMB Force test axle S-relapse cyl. A+B (both) erroneous/missing Load display if necessary imprecise Check sensor and supply line, replace faulty sensor	A420		E	1

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
030037	ZE 0: LMB Winch 2 mounted but winch type undefined, incorrect entry signals LMB calculates using the weakest type of winch (default-winch type), max. load is reduced if necessary Check entry signals	A420		E	2
030038	ZE 0: LMB One angle sensor main boom faulty/missing Reach and load weighing possibly imprecise Check sensor and supply line, replace faulty sensor	A420		E	2
030039	ZE 0: LMB One angle sensor accessories faulty/missing Reach and load weighing possibly imprecise Check sensor and supply line, replace faulty sensor	A420		E	2
03003A	ZE 0: LMB Force test axle S-RFP A (left)reports force even though not in access Load display if necessary imprecise Check sensor and supply line, replace faulty sensor	A420		E	1
03003B	ZE 0: LMB Force test axle S-RFP B (right reports force even though not in access Load display if necessary imprecise Check sensor and supply line, replace faulty sensor	A420		E	1
030040	ZE 0: LMB no standard table defined for this crane program stop Install new program memory card with corrected tables	A420		B	3
030041	ZE 0: LMB all data for actual operation mode not available program stop Install new program memory card with corrected tables	A420		B	3
030042	ZE 0: LMB no valid control word in this table program stop Install new program memory card with corrected tables	A420		B	3
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
030052	ZE 0: LMB re-fitting with load more than 0.5t and utilization larger 20% load chart cannot be entered through OK-key put load to ground or switch crane off and on again	A420		B	1
030053	ZE 0: LMB MAN-/AUTO-change-over blocked, unbolt cylinder/tele selected, MS switch-over on manual operation prevented as cylinder or tele not pinned approach pre-selected telescoping target in automatic operation mode (bolt cylinder or tele)	A420		B	1
030054	ZE 0: LMB no new telescoping objective, cylinder/tele unbolting selected, MS modification of telesc. objective prevented- cylinder/tele bolting switch not "0" set or MS "telescoping switch over switch to "0" position and release MS "telescoping"	A420		B	1
030055	ZE 0: LMB Reeving too small, load weighing possibly erroneous Load display if necessary imprecise Increase reeving to reduce weight error to poss. increase load	A420		B	1
030056	ZE 0: LMB Reeving too small, load too large, load weighing possibly erroneous Load display if necessary imprecise Increase reeving to reduce weight error to poss. increase load	A420		B	1
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
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
03008A	ZE 0: LMB Wind sensor 4A reports internal error error report only replace sensor immediately	A420		E	1
03008B	ZE 0: LMB Wind sensor 4B reports internal error error report only replace sensor immediately	A420		E	1
03008C	ZE 0: LMB Wind sensor 4 accessories erroneous/missing error report only Connect sensor, or check sensor or supply line	A420		E	1
030090	ZE 0: LMB Hoist limit switch 1A reports internal error error report only replace sensor immediately	A420		E	1
030091	ZE 0: LMB Hoist limit switch 1B reports internal error error report only replace sensor immediately	A420		E	1
030092	ZE 0: LMB Hoist limit switch 2A reports internal error error report only replace sensor immediately	A420		E	1
030093	ZE 0: LMB Hoist limit switch 2B reports internal error error report only replace sensor immediately	A420		E	1
030094	ZE 0: LMB Hoist limit switch 3 main boom reports internal error error report only replace sensor immediately	A420		E	1
030095	ZE 0: LMB Hoist limit switch 3 accessory reports internal error error report only replace sensor immediately	A420		E	1
030096	ZE 0: LMB Jib, flap and overtopping guard struts in danger of colliding report of error, shut-down through application Luff down jib	A420		B	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
030097	ZE 0: LMB Load utilisa >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
030099	ZE 0: LMB 2 supports are heavily loaded, danger of tipping error report only Load supports evenly	A420		B	1
03009A	ZE 0: LMB Hoist limit switch 4A reports internal error error report only replace sensor immediately	A420		E	1
03009B	ZE 0: LMB Hoist limit switch 4B reports internal error error report only replace sensor immediately	A420		E	1
0300A1	ZE 0: LMB Pressure sensor support cyl. piston surface 1 erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A420		E	1
0300A2	ZE 0: LMB Pressure sensor support cyl. piston surface 2 erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A420		E	1
0300A3	ZE 0: LMB Pressure sensor support cyl. piston surface 3 erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A420		E	1
0300A4	ZE 0: LMB Pressure sensor support cyl. piston surface 4 erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A420		E	1
0300A5	ZE 0: LMB Pressure sensor support cyl. ring surface 1 erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A420		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
0300A6	ZE 0: LMB Pressure sensor support cyl. ring surface 2 erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A420		E	1
0300A7	ZE 0: LMB Pressure sensor support cyl. ring surface 3 erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A420		E	1
0300A8	ZE 0: LMB Pressure sensor support cyl. ring surface 4 erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A420		E	1
0300B1	ZE 0: LMB Pressure sensor support cyl. piston surface 1 has internal error error report only replace sensor immediately	A420		E	1
0300B2	ZE 0: LMB Pressure sensor support cyl. piston surface 2 has internal error error report only replace sensor immediately	A420		E	1
0300B3	ZE 0: LMB Pressure sensor support cyl. piston surface 3 has internal error error report only replace sensor immediately	A420		E	1
0300B4	ZE 0: LMB Pressure sensor support cyl. piston surface 4 has internal error error report only replace sensor immediately	A420		E	1
0300B5	ZE 0: LMB Pressure sensor support cyl. ring surface 1 has internal error error report only replace sensor immediately	A420		E	1
0300B6	ZE 0: LMB Pressure sensor support cyl. ring surface 2 has internal error error report only replace sensor immediately	A420		E	1
0300B7	ZE 0: LMB Pressure sensor support cyl. ring surface 3 has internal error error report only replace sensor immediately	A420		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
0300B8	ZE 0: LMB Pressure sensor support cyl. ring surface 4 has internal error error report only replace sensor immediately	A420		E	1
030100	ZE 0: LMB STOP, main boom not mounted LMB-Stop: Load torque increasing movements cannot be affected Mount missing assembly	A420		B	2
030101	ZE 0: LMB STOP, jib not mounted LMB-Stop: Load torque increasing movements cannot be affected Mount missing assembly	A420		B	2
030102	ZE 0: LMB STOP, derrick not mounted LMB-Stop: Load torque increasing movements cannot be affected Mount missing assembly	A420		B	2
030103	ZE 0: LMB STOP, counterweight carriage not mounted LMB-Stop: Load torque increasing movements cannot be affected Mount missing assembly	A420		B	2
030104	ZE 0: LMB STOP, suspended counterweight not mounted LMB-Stop: Load torque increasing movements cannot be affected Mount missing assembly	A420		B	2
030105	ZE 0: LMB Main boom mounted?, pilot contact<>Bus sensor, condition faulty LMB-Stop: Load torque increasing movements cannot be affected Check pilot contact signals and active LSB sensor of mounted assemblies	A420		E	2
030106	ZE 0: LMB Jib mounted?, pilot contact<>Bus sensor, condition faulty LMB-Stop: Load torque increasing movements cannot be affected Check pilot contact signals and active LSB sensor of mounted assemblies	A420		E	2
030107	ZE 0: LMB Derrick mounted?, pilot contact<>Bus sensor, condition faulty LMB-Stop: Load torque increasing movements cannot be affected Check pilot contact signals and active LSB sensor of mounted assemblies	A420		E	2
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
03010A	ZE 0: LMB STOP, supports not installed(acc. to bus sensors) LMB-Stop: Load torque increasing movements cannot be affected Mount missing assembly	A420		B	2
03010B	ZE 0: LMB STOP, supports not installed(acc. to pilot contact) LMB-Stop: Load torque increasing movements cannot be affected Check pilot contact signal of comp. group	A420		B	2
030114	ZE 0: LMB STOP, hoist limit switch 1A faulty/not present error report only Connect sensor, or check sensor or supply line	A420		B	2
030115	ZE 0: LMB STOP, hoist limit switch 1B faulty/not present error report only Connect sensor, or check sensor or supply line	A420		B	2
030116	ZE 0: LMB STOP, hoist limit switch 2A faulty/not present error report only Connect sensor, or check sensor or supply line	A420		B	2
030117	ZE 0: LMB STOP, hoist limit switch 2B faulty/not present error report only Connect sensor, or check sensor or supply line	A420		B	2
030118	ZE 0: LMB STOP, hoist limit switch 3 main boom faulty/not present error report only Connect sensor, or check sensor or supply line	A420		B	2
030119	ZE 0: LMB STOP, hoist limit switch 3 accessory faulty/not present error report only Connect sensor, or check sensor or supply line	A420		B	2
03011A	ZE 0: LMB STOP, Hoist limit switch 4A erroneous/missing error report only Connect sensor, or check sensor or supply line	A420		E	2

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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 presen 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 prese 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
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
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
0301A1	ZE 0: LMB Length sensor folding beam swing out cyl. 1 erroneous/missing LMB-Stop: Increased load torque movements and slewing cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2
0301A2	ZE 0: LMB Length sensor folding beam swing out cyl. 2 erroneous/missing LMB-Stop: Increased load torque movements and slewing cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2
0301A3	ZE 0: LMB Length sensor folding beam swing out cyl. 3 erroneous/missing LMB-Stop: Increased load torque movements and slewing cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2
0301A4	ZE 0: LMB Length sensor folding beam swing out cyl. 4 erroneous/missing LMB-Stop: Increased load torque movements and slewing cannot be affected Check sensor and supply line, replace faulty sensor	A420		E	2
0301B1	ZE 0: LMB Length sensor folding beam swing out cyl. 1 has internal error LMB-Stop: Increased load torque movements and slewing cannot be affected replace sensor immediately	A420		E	2

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

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
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	
033910	ZE 0: crane control Shut off valves relapse cyl. continuous actuation Output of error Bring keys and master switch to zero pos. If error continued active, check electric actuation shut off valves	A420		B	
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	
0339C6	ZE 0: crane control System: Turns sensor implausible to cam switch Endschalter +/-5° and Drehgeber check	A420		E	2
033E41	ZE 0: Switch cabinet LMB-bypass-emerg. or cont. actuation or Short circuit after Ubatt	A420		E	2
034039	ZE 0: instruments crane operators cab Sat contact cont. actuation or short circuit after supply voltage Output of error If possible, get up from seat - otherwise check switch and wiring for short circuit after VCC	A420		E	

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
037070	ZE 0: operation instruments crane operators cab Master switch 3X has no winch allocated - operation type Output of error, otherwise no reaction. If possible set another operation type.	A420		B	
037071	ZE 0: operation instruments crane operators cab Master switch 3Y has no winch allocated - operation type Output of error, otherwise no reaction. If possible set another operation type.	A420		B	
037072	ZE 0: operation instruments crane operators cab Master switch 3X has no winch allocated - crawler is on Output of error, otherwise no reaction. Switch of crawler travel operation.	A420		B	
037073	ZE 0: operation instruments crane operators cab Master switch 3Y has no winch allocated - crawler is on Output of error, otherwise no reaction. Switch of crawler travel operation.	A420		B	
037074	ZE 0: operation instruments crane operators cab Master switch 3Y has no winch allocated - winch 6 is on Output of error, otherwise no reaction. Do not modulate master switch 2Y any more.	A420		B	
037080	ZE 0: operation instruments crane operators cab Left-hand foot rocker switch - crawler travel gear is not On Output of error, otherwise no reaction. Switch on crawler travel operation.	A420		B	
037081	ZE 0: operation instruments crane operators cab Right-hand foot rocker switch - crawler travel gear is not On Output of error, otherwise no reaction. Switch on crawler travel operation.	A420		B	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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 defected. Do not modulate master switch 1Y any more.	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	

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
037367	ZE 0: operation instruments armrest left Crawler on cannot be selected turntable not in longitudinal axis Selection crawler on is not possible Set turntable in longitudinal direction + reselect crawler on	A420		B	
037373	ZE 0: operation instruments armrest left Master switch 2Y has no winch allocated - crawler is on Output of error, otherwise no reaction. Switch of crawler travel operation.	A420		B	
037374	ZE 0: operation instruments armrest left Master switch 2Y has no winch allocated - winch 4 is on Winch 4 continues running, until master switch 1X or 3Y is no longer 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	
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
100006	ZE 1: system error OS-HC11 (observe parameters) initialising error RAM erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A421		E	2
100007	ZE 1: system error OS-HC11 (observe parameters) UART erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A421		E	2
100010	ZE 1: system error OS-HC11 (observe parameters) system routine inaccessible entry in error memory, all crane movements will be stopped	A421		E	2
100011	ZE 1: system error OS-HC11 (observe parameters) ZE-watchdog expired entry in error memory, all crane movements will be stopped check ZE	A421		E	2
100012	ZE 1: system error OS-HC11 (observe parameters) type-identification in EPROM erroneous entry in error memory, no crane operation possible check program memory card	A421		E	2
100013	ZE 1: system error OS-HC11 (observe parameters) Test sum in FLASH erroneous entry in error memory, all crane movements will be stopped check program memory card	A421		E	2
100014	ZE 1: system error OS-HC11 (observe parameters) program already running entry in error memory, all crane movements will be stopped	A421		E	2
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
100018	ZE 1: system error OS-HC11 (observe parameters) arithmetic overflow (16 Bit) entry in error memory, all crane movements will be stopped	A421		E	2
100019	ZE 1: system error OS-HC11 (observe parameters) division through zero (16 Bit) entry in error memory, all crane movements will be stopped	A421		E	2
100020	ZE 1: system error OS-HC11 (observe parameters) task-watchdog expired entry in error memory, all crane movements will be stopped	A421		E	2
100021	ZE 1: system error OS-HC11 (observe parameters) illegal opcode trap entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A421		E	2
100022	ZE 1: system error OS-HC11 (observe parameters) task inactive entry in error memory, all crane movements will be stopped	A421		E	2
100023	ZE 1: system error OS-HC11 (observe parameters) program incapable of running (type identification) entry in error memory, all crane movements will be stopped	A421		E	2
100024	ZE 1: system error OS-HC11 (observe parameters) task already used entry in error memory, all crane movements will be stopped	A421		E	2
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

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

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

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

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
110014	ZE 1: output 0 short circuit to supply voltage	A421.X1:16		E	1
110054	ZE 1: output 0 short circuit to supply voltage	A421.X1:16		E	1
110058	ZE 1: output 0 positive switching transistor: disruption	A421.X1:16		E	1
110060	ZE 1: output 0 safety chain error, diode defect or safety contact sticking report of error, otherwise no reaction checking of safety contact and diode	A421.X1:16		E	1
110062	ZE 1: output 0 Error safety chain, contact "ZE OK" sticking report of error, otherwise no reaction Check of ZE OK relay / contact	A421.X1:16		E	1
110063	ZE 1: output 0 Error safety chain, output error report of error, otherwise no reaction Check of output/ ZE/ switching	A421.X1:16		E	1
110070	ZE 1: output 0 measuring system defect no crane operation possible entry in error list	A421.X1:16		E	1
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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
110172	ZE 1: output 1 outside source feeding	A421.X1:17		E	1
110173	ZE 1: output 1 open circuit or short circuit to supply voltage/ground	A421.X1:17		E	1
110212	ZE 1: output 2 short circuit to ground	A421.X1:18		E	1
110213	ZE 1: output 2 open signal circuits	A421.X1:18		E	1
110214	ZE 1: output 2 short circuit to supply voltage	A421.X1:18		E	1
110254	ZE 1: output 2 short circuit to supply voltage	A421.X1:18		E	1
110258	ZE 1: output 2 positive switching transistor: disruption	A421.X1:18		E	1
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
110270	ZE 1: output 2 measuring system defect no crane operation possible entry in error list	A421.X1:18		E	1
110271	ZE 1: output 2 short circuit to ground or transistor defect	A421.X1:18		E	1
110272	ZE 1: output 2 outside source feeding	A421.X1:18		E	1
110273	ZE 1: output 2 open circuit or short circuit to supply voltage/ground	A421.X1:18		E	1
110312	ZE 1: output 3 short circuit to ground	A421.X1:19		E	1
110313	ZE 1: output 3 open signal circuits	A421.X1:19		E	1
110314	ZE 1: output 3 short circuit to supply voltage	A421.X1:19		E	1
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

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

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

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
110672	ZE 1: output 6 outside source feeding	A421.X1:22		E	1
110673	ZE 1: output 6 open circuit or short circuit to supply voltage/ground	A421.X1:22		E	1
110712	ZE 1: output 7 short circuit to ground	A421.X1:23		E	1
110713	ZE 1: output 7 open signal circuits	A421.X1:23		E	1
110714	ZE 1: output 7 short circuit to supply voltage	A421.X1:23		E	1
110754	ZE 1: output 7 short circuit to supply voltage	A421.X1:23		E	1
110758	ZE 1: output 7 positive switching transistor: disruption	A421.X1:23		E	1
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
110770	ZE 1: output 7 measuring system defect no crane operation possible entry in error list	A421.X1:23		E	1
110771	ZE 1: output 7 short circuit to ground or transistor defect	A421.X1:23		E	1
110772	ZE 1: output 7 outside source feeding	A421.X1:23		E	1
110773	ZE 1: output 7 open circuit or short circuit to supply voltage/ground	A421.X1:23		E	1
114959	ZE 1: all output supply voltage missing	A421		E	1
115059	ZE 1: output group 0 supply voltage missing	A421.X1:12		E	1
115159	ZE 1: output group 1 supply voltage missing	A421.X1:24		E	1
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

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
120167	ZE 1: LSB participant address 1 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
120204	ZE 1: LSB participant address 2 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
120205	ZE 1: LSB participant address 2 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
120218	ZE 1: LSB participant address 2 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
120250	ZE 1: LSB participant address 2 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
120251	ZE 1: LSB participant address 2 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
120253	ZE 1: LSB participant address 2 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
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

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

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
120804	ZE 1: LSB participant address 8 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
120805	ZE 1: LSB participant address 8 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
120818	ZE 1: LSB participant address 8 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
120850	ZE 1: LSB participant address 8 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
120851	ZE 1: LSB participant address 8 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
120853	ZE 1: LSB participant address 8 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
120854	ZE 1: LSB participant address 8 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
120864	ZE 1: LSB participant address 8 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
120865	ZE 1: LSB participant address 8 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
120866	ZE 1: LSB participant address 8 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
120867	ZE 1: LSB participant address 8 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
120904	ZE 1: LSB participant address 9 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
120905	ZE 1: LSB participant address 9 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
120918	ZE 1: LSB participant address 9 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
120950	ZE 1: LSB participant address 9 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
120951	ZE 1: LSB participant address 9 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
120953	ZE 1: LSB participant address 9 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
120954	ZE 1: LSB participant address 9 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
120964	ZE 1: LSB participant address 9 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
120965	ZE 1: LSB participant address 9 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
120966	ZE 1: LSB participant address 9 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
120967	ZE 1: LSB participant address 9 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
121004	ZE 1: LSB participant address 10 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
121005	ZE 1: LSB participant address 10 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
121018	ZE 1: LSB participant address 10 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
122466	ZE 1: LSB participant address 24 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
122467	ZE 1: LSB participant address 24 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
122504	ZE 1: LSB participant address 25 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
122505	ZE 1: LSB participant address 25 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
122518	ZE 1: LSB participant address 25 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
122550	ZE 1: LSB participant address 25 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
122551	ZE 1: LSB participant address 25 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
122553	ZE 1: LSB participant address 25 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
122554	ZE 1: LSB participant address 25 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
122564	ZE 1: LSB participant address 25 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
122565	ZE 1: LSB participant address 25 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
122566	ZE 1: LSB participant address 25 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
122567	ZE 1: LSB participant address 25 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
122604	ZE 1: LSB participant address 26 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
122605	ZE 1: LSB participant address 26 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
122618	ZE 1: LSB participant address 26 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
122650	ZE 1: LSB participant address 26 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
122651	ZE 1: LSB participant address 26 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
122653	ZE 1: LSB participant address 26 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
122654	ZE 1: LSB participant address 26 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
122664	ZE 1: LSB participant address 26 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
122665	ZE 1: LSB participant address 26 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
122666	ZE 1: LSB participant address 26 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
122667	ZE 1: LSB participant address 26 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
122704	ZE 1: LSB participant address 27 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
122705	ZE 1: LSB participant address 27 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
122718	ZE 1: LSB participant address 27 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0
122750	ZE 1: LSB participant address 27 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
122751	ZE 1: LSB participant address 27 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
122753	ZE 1: LSB participant address 27 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
122754	ZE 1: LSB participant address 27 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
122764	ZE 1: LSB participant address 27 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
122765	ZE 1: LSB participant address 27 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
122766	ZE 1: LSB participant address 27 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
122767	ZE 1: LSB participant address 27 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
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
123004	ZE 1: LSB participant address 30 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A421.X2:z14/z16		E	1
123005	ZE 1: LSB participant address 30 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A421.X2:z14/z16		E	1
123018	ZE 1: LSB participant address 30 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A421.X2:z14/z16		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
123050	ZE 1: LSB participant address 30 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A421.X2:z14/z16		E	2
123051	ZE 1: LSB participant address 30 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A421.X2:z14/z16		E	2
123053	ZE 1: LSB participant address 30 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A421.X2:z14/z16		E	1
123054	ZE 1: LSB participant address 30 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A421.X2:z14/z16		E	2
123064	ZE 1: LSB participant address 30 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A421.X2:z14/z16		E	1
123065	ZE 1: LSB participant address 30 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A421.X2:z14/z16		E	2
123066	ZE 1: LSB participant address 30 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A421.X2:z14/z16		E	2
123067	ZE 1: LSB participant address 30 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A421.X2:z14/z16		E	1
123252	ZE 1: Control data transfer LSB has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A421.X2:z14/z16		E	0
123255	ZE 1: Control data transfer LSB Bus connection faulty/defect, short circuit to supply voltage entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A421.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
123256	ZE 1: Control data transfer LSB Bus connection faulty/defect, no supply/short circuit to earth entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A421.X2:z14/z16		E	2
123257	ZE 1: Control data transfer LSB has recognised network re-set (data transfer starts again) entry in error memory, driver re-starts and runs re-booting of network check bus lines, withdraw sensors successively from bus until malfunction source recognised, replace defective part	A421.X2:z14/z16		E	1
123258	ZE 1: Control data transfer LSB recognised participant with incorrect baud rate in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated from system itself, check address assignment of sensors	A421.X2:z14/z16		E	0
123259	ZE 1: Control data transfer LSB recognised communication breakdown in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated by driver through re-booting of network	A421.X2:z14/z16		E	0
123260	ZE 1: Control data transfer LSB driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant with temporary malfunctions error will be eliminated by system itself, with incorrect configuration install new software	A421.X2:z14/z16		E	2
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: initialising 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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
126156	ZE 1: input 13 open circuit or short circuit to ground report of error, shut-down through application Check supply voltage, input LICCON, sensor line for interruption, for faulty sensors by pulling out G	A421.X2:d28		E	1
126214	ZE 1: input 14 short circuit to supply voltage report of error, shut-down through application Check sensor line for short-circuit, for faulty sensors by pulling out sensor, connection to input	A421.X2:d30		E	1
126256	ZE 1: input 14 open circuit or short circuit to ground report of error, shut-down through application Check supply voltage, input LICCON, sensor line for interruption, for faulty sensors by pulling out G	A421.X2:d30		E	1
126314	ZE 1: input 15 short circuit to supply voltage report of error, shut-down through application Check sensor line for short-circuit, for faulty sensors by pulling out sensor, connection to input	A421.X2:d32		E	1
126356	ZE 1: input 15 open circuit or short circuit to ground report of error, shut-down through application Check supply voltage, input LICCON, sensor line for interruption, for faulty sensors by pulling out G	A421.X2:d32		E	1
130008	ZE 1: LMB Winch 3 not adjusted, rope lengths-/range of lift display faulty Imprecise winch control and incorrect rope length display on this winch Readjust rope length display for this winch	A421		E	1
130009	ZE 1: LMB Winch 4 not adjusted, rope lengths-/range of lift display faulty Imprecise winch control and incorrect rope length display on this winch Readjust rope length display for this winch	A421		E	1
130010	ZE 1: LMB Winch 5 not adjusted, rope lengths-/range of lift display faulty Imprecise winch control and incorrect rope length display on this winch Readjust rope length display for this winch	A421		E	1
130011	ZE 1: LMB Winch 6 not adjusted, rope lengths-/range of lift display faulty Imprecise winch control and incorrect rope length display on this winch Readjust rope length display for this winch	A421		E	1
130017	ZE 1: LMB Pressure transducer overtop guard cyl derrick faulty/not present error report only Check sensor and supply line, replace faulty sensor	A421		E	1

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
130023	ZE 1: LMB Several winches 6 (A, B, ...) installed simultaneously LMB calculates using the weakest type of winch (default-winch type), max. load is reduced if necessary Check affiliated LSB sensor	A421		E	1
130026	ZE 1: LMB Pressure transmitter D-RFP A (left) erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A421		E	2
130027	ZE 1: LMB Pressure transmitter D-RFP B (right) erroneous/missing error report only Check sensor and supply line, replace faulty sensor	A421		E	2
130029	ZE 1: LMB Derrick counterw. entry too small, derrick measuring sign. implausible F1max-operation-limit value is possibly smaller than theoretically possible Check derrick counterweight entry value, check sensor on derrick	A421		B	1
130044	ZE 1: LMB Pressure transmitter test pt.5 A (left) DB-lift cyl. piston surface e error report only Check sensor and supply line, replace faulty sensor	A421		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
130045	ZE 1: LMB Pressure transmitter test pt.5 B (right) DB-lift cyl. piston surface e error report only Check sensor and supply line, replace faulty sensor	A421		E	2
130065	ZE 1: LMB computation-bound program part will no longer run LMB-Stop: Load torque increasing movements cannot be affected on starting, the set-up equipment program key was pressed	A421		B	2
130073	ZE 1: LMB Derrick counterweight-hoist cylinder extended bump stop F1max-Operation-Limit value possibly less than theoretically possible(safe side) drawn derrick counterweight invalid Retract cylinder	A421		B	2
130126	ZE 1: LMB STOP, press. tran. count. R measuring point 4A faulty/not present Weighed derrick counterweight is imprecise and LMB-Stop: Load moment increased movements not operable Check sensor and supply line, replace faulty sensor	A421		E	2
130127	ZE 1: LMB STOP, press. tran. count. R measuring point 4B faulty/not present Weighed derrick counterweight is imprecise and LMB-Stop: Load moment increased movements not operable Check sensor and supply line, replace faulty sensor	A421		E	2
130128	ZE 1: LMB STOP, press. tran. count. K measuring point 5 faulty/not present Weighed derrick counterweight is imprecise and LMB-Stop: Load moment increased movements not operable Check sensor and supply line, replace faulty sensor	A421		E	2
130129	ZE 1: LMB STOP, length indicator derrick counterweight faulty/not present LMB-Stop: Load torque increasing movements cannot be affected Check sensor and supply line, replace faulty sensor	A421		E	2
130158	ZE 1: LMB Derrick ballast, weighing and entry implausible LMB-Stop: Load torque increasing movements cannot be affected Check derrick counterweight input value, check sensor for derrick counterweight weighing + length indicator	A421		B	2
130159	ZE 1: LMB Derrick angle not in permissible derrick angle window LMB-Stop: Load torque increasing movements cannot be affected Luff derrick into permissible angle area	A421		B	2
130183	ZE 1: LMB STOP, Difference between derrick ballast force A/B too great LMB-Stop: Load torque increasing movements cannot be affected Load both derrick counterweight tensioners evenly	A421		B	2

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

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

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

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
187262	E/A-Modul 1: Control data transfer LSB-B driver error: initialising error entry in error memory, driver re-starts and runs re-booting of network new Software is necessary for error elimination	A11.X3:4/6		E	2
1A0050	LSB-BSE1: LSBA Participant Adr. 0 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0051	LSB-BSE1: LSBA Participant Adr. 0 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0053	LSB-BSE1: LSBA Participant Adr. 0 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0054	LSB-BSE1: LSBA Participant Adr. 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0064	LSB-BSE1: LSBA Participant Adr. 0 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A0065	LSB-BSE1: LSBA Participant Adr. 0 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0066	LSB-BSE1: LSBA Participant Adr. 0 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0067	LSB-BSE1: LSBA Participant Adr. 0 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0068	LSB-BSE1: LSBA Participant Adr. 0 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0069	LSB-BSE1: LSBA Participant Adr. 0 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0150	LSB-BSE1: LSBA Participant Adr. 1 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0151	LSB-BSE1: LSBA Participant Adr. 1 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0153	LSB-BSE1: LSBA Participant Adr. 1 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0154	LSB-BSE1: LSBA Participant Adr. 1 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0164	LSB-BSE1: LSBA Participant Adr. 1 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A0165	LSB-BSE1: LSBA Participant Adr. 1 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0166	LSB-BSE1: LSBA Participant Adr. 1 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0167	LSB-BSE1: LSBA Participant Adr. 1 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0168	LSB-BSE1: LSBA Participant Adr. 1 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0169	LSB-BSE1: LSBA Participant Adr. 1 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0250	LSB-BSE1: LSBA Participant Adr. 2 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0251	LSB-BSE1: LSBA Participant Adr. 2 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0253	LSB-BSE1: LSBA Participant Adr. 2 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0254	LSB-BSE1: LSBA Participant Adr. 2 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0264	LSB-BSE1: LSBA Participant Adr. 2 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A0265	LSB-BSE1: LSBA Participant Adr. 2 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0266	LSB-BSE1: LSBA Participant Adr. 2 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0267	LSB-BSE1: LSBA Participant Adr. 2 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0268	LSB-BSE1: LSBA Participant Adr. 2 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0269	LSB-BSE1: LSBA Participant Adr. 2 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0350	LSB-BSE1: LSBA Participant Adr. 3 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0351	LSB-BSE1: LSBA Participant Adr. 3 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0353	LSB-BSE1: LSBA Participant Adr. 3 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0354	LSB-BSE1: LSBA Participant Adr. 3 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0364	LSB-BSE1: LSBA Participant Adr. 3 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A0365	LSB-BSE1: LSBA Participant Adr. 3 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0366	LSB-BSE1: LSBA Participant Adr. 3 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0367	LSB-BSE1: LSBA Participant Adr. 3 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0368	LSB-BSE1: LSBA Participant Adr. 3 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0369	LSB-BSE1: LSBA Participant Adr. 3 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0550	LSB-BSE1: LSBA Participant Adr. 5 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0551	LSB-BSE1: LSBA Participant Adr. 5 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0553	LSB-BSE1: LSBA Participant Adr. 5 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0554	LSB-BSE1: LSBA Participant Adr. 5 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0564	LSB-BSE1: LSBA Participant Adr. 5 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A0565	LSB-BSE1: LSBA Participant Adr. 5 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0566	LSB-BSE1: LSBA Participant Adr. 5 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0567	LSB-BSE1: LSBA Participant Adr. 5 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0568	LSB-BSE1: LSBA Participant Adr. 5 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0569	LSB-BSE1: LSBA Participant Adr. 5 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0650	LSB-BSE1: LSBA Participant Adr. 6 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0651	LSB-BSE1: LSBA Participant Adr. 6 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0653	LSB-BSE1: LSBA Participant Adr. 6 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0654	LSB-BSE1: LSBA Participant Adr. 6 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0664	LSB-BSE1: LSBA Participant Adr. 6 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A0665	LSB-BSE1: LSBA Participant Adr. 6 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0666	LSB-BSE1: LSBA Participant Adr. 6 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0667	LSB-BSE1: LSBA Participant Adr. 6 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0668	LSB-BSE1: LSBA Participant Adr. 6 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0669	LSB-BSE1: LSBA Participant Adr. 6 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0750	LSB-BSE1: LSBA Participant Adr. 7 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0751	LSB-BSE1: LSBA Participant Adr. 7 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0753	LSB-BSE1: LSBA Participant Adr. 7 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0754	LSB-BSE1: LSBA Participant Adr. 7 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0764	LSB-BSE1: LSBA Participant Adr. 7 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A0765	LSB-BSE1: LSBA Participant Adr. 7 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0766	LSB-BSE1: LSBA Participant Adr. 7 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0767	LSB-BSE1: LSBA Participant Adr. 7 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0768	LSB-BSE1: LSBA Participant Adr. 7 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0769	LSB-BSE1: LSBA Participant Adr. 7 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0850	LSB-BSE1: LSBA Participant Adr. 8 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0851	LSB-BSE1: LSBA Participant Adr. 8 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0853	LSB-BSE1: LSBA Participant Adr. 8 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0854	LSB-BSE1: LSBA Participant Adr. 8 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0864	LSB-BSE1: LSBA Participant Adr. 8 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A0865	LSB-BSE1: LSBA Participant Adr. 8 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0866	LSB-BSE1: LSBA Participant Adr. 8 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0867	LSB-BSE1: LSBA Participant Adr. 8 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0868	LSB-BSE1: LSBA Participant Adr. 8 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0869	LSB-BSE1: LSBA Participant Adr. 8 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0950	LSB-BSE1: LSBA Participant Adr. 9 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0951	LSB-BSE1: LSBA Participant Adr. 9 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0953	LSB-BSE1: LSBA Participant Adr. 9 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0954	LSB-BSE1: LSBA Participant Adr. 9 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0964	LSB-BSE1: LSBA Participant Adr. 9 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A0965	LSB-BSE1: LSBA Participant Adr. 9 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0966	LSB-BSE1: LSBA Participant Adr. 9 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0967	LSB-BSE1: LSBA Participant Adr. 9 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0968	LSB-BSE1: LSBA Participant Adr. 9 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0969	LSB-BSE1: LSBA Participant Adr. 9 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0A50	LSB-BSE1: LSBA Participant Adr. 10 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0A51	LSB-BSE1: LSBA Participant Adr. 10 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0A53	LSB-BSE1: LSBA Participant Adr. 10 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0A54	LSB-BSE1: LSBA Participant Adr. 10 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0A64	LSB-BSE1: LSBA Participant Adr. 10 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A0A65	LSB-BSE1: LSBA Participant Adr. 10 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0A66	LSB-BSE1: LSBA Participant Adr. 10 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0A67	LSB-BSE1: LSBA Participant Adr. 10 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0A68	LSB-BSE1: LSBA Participant Adr. 10 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0A69	LSB-BSE1: LSBA Participant Adr. 10 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0B50	LSB-BSE1: LSBA Participant Adr. 11 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0B51	LSB-BSE1: LSBA Participant Adr. 11 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0B53	LSB-BSE1: LSBA Participant Adr. 11 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0B54	LSB-BSE1: LSBA Participant Adr. 11 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0B64	LSB-BSE1: LSBA Participant Adr. 11 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A0B65	LSB-BSE1: LSBA Participant Adr. 11 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0B66	LSB-BSE1: LSBA Participant Adr. 11 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0B67	LSB-BSE1: LSBA Participant Adr. 11 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0B68	LSB-BSE1: LSBA Participant Adr. 11 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0B69	LSB-BSE1: LSBA Participant Adr. 11 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0C50	LSB-BSE1: LSBA Participant Adr. 12 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0C51	LSB-BSE1: LSBA Participant Adr. 12 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0C53	LSB-BSE1: LSBA Participant Adr. 12 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0C54	LSB-BSE1: LSBA Participant Adr. 12 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0C64	LSB-BSE1: LSBA Participant Adr. 12 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A0C65	LSB-BSE1: LSBA Participant Adr. 12 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0C66	LSB-BSE1: LSBA Participant Adr. 12 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0C67	LSB-BSE1: LSBA Participant Adr. 12 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0C68	LSB-BSE1: LSBA Participant Adr. 12 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0C69	LSB-BSE1: LSBA Participant Adr. 12 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0D50	LSB-BSE1: LSBA Participant Adr. 13 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0D51	LSB-BSE1: LSBA Participant Adr. 13 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0D53	LSB-BSE1: LSBA Participant Adr. 13 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0D54	LSB-BSE1: LSBA Participant Adr. 13 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0D64	LSB-BSE1: LSBA Participant Adr. 13 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A0D65	LSB-BSE1: LSBA Participant Adr. 13 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0D66	LSB-BSE1: LSBA Participant Adr. 13 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0D67	LSB-BSE1: LSBA Participant Adr. 13 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0D68	LSB-BSE1: LSBA Participant Adr. 13 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0D69	LSB-BSE1: LSBA Participant Adr. 13 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0E50	LSB-BSE1: LSBA Participant Adr. 14 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0E51	LSB-BSE1: LSBA Participant Adr. 14 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0E53	LSB-BSE1: LSBA Participant Adr. 14 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0E54	LSB-BSE1: LSBA Participant Adr. 14 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0E64	LSB-BSE1: LSBA Participant Adr. 14 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A0E65	LSB-BSE1: LSBA Participant Adr. 14 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0E66	LSB-BSE1: LSBA Participant Adr. 14 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0E67	LSB-BSE1: LSBA Participant Adr. 14 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0E68	LSB-BSE1: LSBA Participant Adr. 14 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0E69	LSB-BSE1: LSBA Participant Adr. 14 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A0F50	LSB-BSE1: LSBA Participant Adr. 15 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A0F51	LSB-BSE1: LSBA Participant Adr. 15 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A0F53	LSB-BSE1: LSBA Participant Adr. 15 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A0F54	LSB-BSE1: LSBA Participant Adr. 15 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A0F64	LSB-BSE1: LSBA Participant Adr. 15 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A0F65	LSB-BSE1: LSBA Participant Adr. 15 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A0F66	LSB-BSE1: LSBA Participant Adr. 15 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A0F67	LSB-BSE1: LSBA Participant Adr. 15 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A0F68	LSB-BSE1: LSBA Participant Adr. 15 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A0F69	LSB-BSE1: LSBA Participant Adr. 15 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A1050	LSB-BSE1: LSBA Participant Adr. 16 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A1051	LSB-BSE1: LSBA Participant Adr. 16 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A1053	LSB-BSE1: LSBA Participant Adr. 16 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A1054	LSB-BSE1: LSBA Participant Adr. 16 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A1064	LSB-BSE1: LSBA Participant Adr. 16 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A1065	LSB-BSE1: LSBA Participant Adr. 16 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A1066	LSB-BSE1: LSBA Participant Adr. 16 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A1067	LSB-BSE1: LSBA Participant Adr. 16 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A1068	LSB-BSE1: LSBA Participant Adr. 16 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A1069	LSB-BSE1: LSBA Participant Adr. 16 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A1650	LSB-BSE1: LSBA Participant Adr. 22 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A1651	LSB-BSE1: LSBA Participant Adr. 22 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A1653	LSB-BSE1: LSBA Participant Adr. 22 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A1654	LSB-BSE1: LSBA Participant Adr. 22 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A1664	LSB-BSE1: LSBA Participant Adr. 22 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A1665	LSB-BSE1: LSBA Participant Adr. 22 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A1666	LSB-BSE1: LSBA Participant Adr. 22 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A1667	LSB-BSE1: LSBA Participant Adr. 22 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A1668	LSB-BSE1: LSBA Participant Adr. 22 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A1669	LSB-BSE1: LSBA Participant Adr. 22 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A1750	LSB-BSE1: LSBA Participant Adr. 23 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A1751	LSB-BSE1: LSBA Participant Adr. 23 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A1753	LSB-BSE1: LSBA Participant Adr. 23 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A1754	LSB-BSE1: LSBA Participant Adr. 23 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A1764	LSB-BSE1: LSBA Participant Adr. 23 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A1765	LSB-BSE1: LSBA Participant Adr. 23 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A1766	LSB-BSE1: LSBA Participant Adr. 23 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A1767	LSB-BSE1: LSBA Participant Adr. 23 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A1768	LSB-BSE1: LSBA Participant Adr. 23 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A1769	LSB-BSE1: LSBA Participant Adr. 23 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A1850	LSB-BSE1: LSBA Participant Adr. 24 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A1851	LSB-BSE1: LSBA Participant Adr. 24 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A1853	LSB-BSE1: LSBA Participant Adr. 24 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A1854	LSB-BSE1: LSBA Participant Adr. 24 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A1864	LSB-BSE1: LSBA Participant Adr. 24 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A1865	LSB-BSE1: LSBA Participant Adr. 24 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A1866	LSB-BSE1: LSBA Participant Adr. 24 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A1867	LSB-BSE1: LSBA Participant Adr. 24 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A1868	LSB-BSE1: LSBA Participant Adr. 24 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A1869	LSB-BSE1: LSBA Participant Adr. 24 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A1950	LSB-BSE1: LSBA Participant Adr. 25 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A1951	LSB-BSE1: LSBA Participant Adr. 25 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A1953	LSB-BSE1: LSBA Participant Adr. 25 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A1954	LSB-BSE1: LSBA Participant Adr. 25 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A1964	LSB-BSE1: LSBA Participant Adr. 25 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A1965	LSB-BSE1: LSBA Participant Adr. 25 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A1966	LSB-BSE1: LSBA Participant Adr. 25 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A1967	LSB-BSE1: LSBA Participant Adr. 25 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A1968	LSB-BSE1: LSBA Participant Adr. 25 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A1969	LSB-BSE1: LSBA Participant Adr. 25 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A1A50	LSB-BSE1: LSBA Participant Adr. 26 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A1A51	LSB-BSE1: LSBA Participant Adr. 26 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A1A53	LSB-BSE1: LSBA Participant Adr. 26 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A1A54	LSB-BSE1: LSBA Participant Adr. 26 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A1A64	LSB-BSE1: LSBA Participant Adr. 26 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A1A65	LSB-BSE1: LSBA Participant Adr. 26 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A1A66	LSB-BSE1: LSBA Participant Adr. 26 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A1A67	LSB-BSE1: LSBA Participant Adr. 26 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A1A68	LSB-BSE1: LSBA Participant Adr. 26 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A1A69	LSB-BSE1: LSBA Participant Adr. 26 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A1B50	LSB-BSE1: LSBA Participant Adr. 27 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A1B51	LSB-BSE1: LSBA Participant Adr. 27 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A1B53	LSB-BSE1: LSBA Participant Adr. 27 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A1B54	LSB-BSE1: LSBA Participant Adr. 27 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A1B64	LSB-BSE1: LSBA Participant Adr. 27 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A1B65	LSB-BSE1: LSBA Participant Adr. 27 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A1B66	LSB-BSE1: LSBA Participant Adr. 27 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A1B67	LSB-BSE1: LSBA Participant Adr. 27 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A1B68	LSB-BSE1: LSBA Participant Adr. 27 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A1B69	LSB-BSE1: LSBA Participant Adr. 27 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A1C50	LSB-BSE1: LSBA Participant Adr. 28 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A1C51	LSB-BSE1: LSBA Participant Adr. 28 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A1C53	LSB-BSE1: LSBA Participant Adr. 28 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A1C54	LSB-BSE1: LSBA Participant Adr. 28 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A1C64	LSB-BSE1: LSBA Participant Adr. 28 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A1C65	LSB-BSE1: LSBA Participant Adr. 28 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A1C66	LSB-BSE1: LSBA Participant Adr. 28 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A1C67	LSB-BSE1: LSBA Participant Adr. 28 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A1C68	LSB-BSE1: LSBA Participant Adr. 28 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A1C69	LSB-BSE1: LSBA Participant Adr. 28 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A1D50	LSB-BSE1: LSBA Participant Adr. 29 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A1D51	LSB-BSE1: LSBA Participant Adr. 29 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A1D53	LSB-BSE1: LSBA Participant Adr. 29 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A1D54	LSB-BSE1: LSBA Participant Adr. 29 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A1D64	LSB-BSE1: LSBA Participant Adr. 29 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A1D65	LSB-BSE1: LSBA Participant Adr. 29 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A1D66	LSB-BSE1: LSBA Participant Adr. 29 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A1D67	LSB-BSE1: LSBA Participant Adr. 29 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A1D68	LSB-BSE1: LSBA Participant Adr. 29 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A1D69	LSB-BSE1: LSBA Participant Adr. 29 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A1E50	LSB-BSE1: LSBA Participant Adr. 30 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:9		E	2
1A1E51	LSB-BSE1: LSBA Participant Adr. 30 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:9		E	2
1A1E53	LSB-BSE1: LSBA Participant Adr. 30 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:9		E	1
1A1E54	LSB-BSE1: LSBA Participant Adr. 30 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:9		E	2
1A1E64	LSB-BSE1: LSBA Participant Adr. 30 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:9		E	1
1A1E65	LSB-BSE1: LSBA Participant Adr. 30 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:9		E	2
1A1E66	LSB-BSE1: LSBA Participant Adr. 30 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:9		E	2
1A1E67	LSB-BSE1: LSBA Participant Adr. 30 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:9		E	1
1A1E68	LSB-BSE1: LSBA Participant Adr. 30 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A1E69	LSB-BSE1: LSBA Participant Adr. 30 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:9		E	1
1A2052	LSB-BSE1: Control data transfer LSBA has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361.X4:9		E	0
1A2055	LSB-BSE1: Control data transfer LSBA Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X4:9		E	2
1A2056	LSB-BSE1: Control data transfer LSBA Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X4:9		E	2
1A2057	LSB-BSE1: Control data transfer LSBA has recognised network re-set (data transfer starts again) Entry in error stack, driver restarts and carried out new initialization of network Check bus line, pull successive sensors from bus until source of problem is found. Replace defective part	A361.X4:9		E	1
1A2058	LSB-BSE1: Control data transfer LSBA recognised participant with incorrect baud rate in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by system. Check address assignment of sensors	A361.X4:9		E	0
1A2059	LSB-BSE1: Control data transfer LSBA recognised communication breakdown in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by driver when restarting the network	A361.X4:9		E	0
1A2060	LSB-BSE1: Control data transfer LSBA driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant In case of temporary problems, the error is fixed by system. For incorrect configuration, new software required	A361.X4:9		E	2
1A2061	LSB-BSE1: Control data transfer LSBA driver error: undefined message appears Entry in error stack, driver restarts and carried out new initialization of network In case of temp. problems, the error will be fixed by system, otherwise new software required to remedy the error	A361.X4:9		E	2
1A2062	LSB-BSE1: Control data transfer LSBA driver error: initialising error Entry in error stack, driver restarts and carried out new initialization of network New Software necessary to remedy error	A361.X4:9		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A3050	LSB-BSE1: LSBB Participant Adr. 0 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:10		E	2
1A3051	LSB-BSE1: LSBB Participant Adr. 0 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:10		E	2
1A3053	LSB-BSE1: LSBB Participant Adr. 0 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:10		E	1
1A3054	LSB-BSE1: LSBB Participant Adr. 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:10		E	2
1A3064	LSB-BSE1: LSBB Participant Adr. 0 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:10		E	1
1A3065	LSB-BSE1: LSBB Participant Adr. 0 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:10		E	2
1A3066	LSB-BSE1: LSBB Participant Adr. 0 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:10		E	2
1A3067	LSB-BSE1: LSBB Participant Adr. 0 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:10		E	1
1A3068	LSB-BSE1: LSBB Participant Adr. 0 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:10		E	1
1A3069	LSB-BSE1: LSBB Participant Adr. 0 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:10		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A3250	LSB-BSE1: LSBB Participant Adr. 2 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:10		E	2
1A3251	LSB-BSE1: LSBB Participant Adr. 2 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:10		E	2
1A3253	LSB-BSE1: LSBB Participant Adr. 2 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:10		E	1
1A3254	LSB-BSE1: LSBB Participant Adr. 2 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:10		E	2
1A3264	LSB-BSE1: LSBB Participant Adr. 2 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:10		E	1
1A3265	LSB-BSE1: LSBB Participant Adr. 2 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:10		E	2
1A3266	LSB-BSE1: LSBB Participant Adr. 2 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:10		E	2
1A3267	LSB-BSE1: LSBB Participant Adr. 2 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:10		E	1
1A3268	LSB-BSE1: LSBB Participant Adr. 2 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:10		E	1
1A3269	LSB-BSE1: LSBB Participant Adr. 2 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:10		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A5052	LSB-BSE1: Control data transfer LSBB has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361.X4:10		E	0
1A5055	LSB-BSE1: Control data transfer LSBB Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X4:10		E	2
1A5056	LSB-BSE1: Control data transfer LSBB Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X4:10		E	2
1A5057	LSB-BSE1: Control data transfer LSBB has recognised network re-set (data transfer starts again) Entry in error stack, driver restarts and carried out new initialization of network Check bus line, pull successive sensors from bus until source of problem is found. Replace defective part	A361.X4:10		E	1
1A5058	LSB-BSE1: Control data transfer LSBB recognised participant with incorrect baud rate in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by system. Check address assignment of sensors	A361.X4:10		E	0
1A5059	LSB-BSE1: Control data transfer LSBB recognised communication breakdown in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by driver when restarting the network	A361.X4:10		E	0
1A5060	LSB-BSE1: Control data transfer LSBB driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant In case of temporary problems, the error is fixed by system. For incorrect configuration, new software required	A361.X4:10		E	2
1A5061	LSB-BSE1: Control data transfer LSBB driver error: undefined message appears Entry in error stack, driver restarts and carried out new initialization of network In case of temp. problems, the error will be fixed by system, otherwise new software required to remedy the error	A361.X4:10		E	2
1A5062	LSB-BSE1: Control data transfer LSBB driver error: initialising error Entry in error stack, driver restarts and carried out new initialization of network New Software necessary to remedy error	A361.X4:10		E	2
1A6050	LSB-BSE1: LSBC Participant Adr. 0 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:11		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A6051	LSB-BSE1: LSBC Participant Adr. 0 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:11		E	2
1A6053	LSB-BSE1: LSBC Participant Adr. 0 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:11		E	1
1A6054	LSB-BSE1: LSBC Participant Adr. 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:11		E	2
1A6064	LSB-BSE1: LSBC Participant Adr. 0 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:11		E	1
1A6065	LSB-BSE1: LSBC Participant Adr. 0 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:11		E	2
1A6066	LSB-BSE1: LSBC Participant Adr. 0 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:11		E	2
1A6067	LSB-BSE1: LSBC Participant Adr. 0 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:11		E	1
1A6068	LSB-BSE1: LSBC Participant Adr. 0 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:11		E	1
1A6069	LSB-BSE1: LSBC Participant Adr. 0 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:11		E	1
1A6250	LSB-BSE1: LSBC Participant Adr. 2 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:11		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A6251	LSB-BSE1: LSBC Participant Adr. 2 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:11		E	2
1A6253	LSB-BSE1: LSBC Participant Adr. 2 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:11		E	1
1A6254	LSB-BSE1: LSBC Participant Adr. 2 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:11		E	2
1A6264	LSB-BSE1: LSBC Participant Adr. 2 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:11		E	1
1A6265	LSB-BSE1: LSBC Participant Adr. 2 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:11		E	2
1A6266	LSB-BSE1: LSBC Participant Adr. 2 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:11		E	2
1A6267	LSB-BSE1: LSBC Participant Adr. 2 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:11		E	1
1A6268	LSB-BSE1: LSBC Participant Adr. 2 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:11		E	1
1A6269	LSB-BSE1: LSBC Participant Adr. 2 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:11		E	1
1A8052	LSB-BSE1: Control data transfer LSBC has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361.X4:11		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A8055	LSB-BSE1: Control data transfer LSBC Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X4:11		E	2
1A8056	LSB-BSE1: Control data transfer LSBC Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X4:11		E	2
1A8057	LSB-BSE1: Control data transfer LSBC has recognised network re-set (data transfer starts again) Entry in error stack, driver restarts and carried out new initialization of network Check bus line, pull successive sensors from bus until source of problem is found. Replace defective part	A361.X4:11		E	1
1A8058	LSB-BSE1: Control data transfer LSBC recognised participant with incorrect baud rate in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by system. Check address assignment of sensors	A361.X4:11		E	0
1A8059	LSB-BSE1: Control data transfer LSBC recognised communication breakdown in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by driver when restarting the network	A361.X4:11		E	0
1A8060	LSB-BSE1: Control data transfer LSBC driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant In case of temporary problems, the error is fixed by system. For incorrect configuration, new software required	A361.X4:11		E	2
1A8061	LSB-BSE1: Control data transfer LSBC driver error: undefined message appears Entry in error stack, driver restarts and carried out new initialization of network In case of temp. problems, the error will be fixed by system, otherwise new software required to remedy the error	A361.X4:11		E	2
1A8062	LSB-BSE1: Control data transfer LSBC driver error: initialising error Entry in error stack, driver restarts and carried out new initialization of network New Software necessary to remedy error	A361.X4:11		E	2
1A9050	LSB-BSE1: LSBD Participant Adr. 0 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:12		E	2
1A9051	LSB-BSE1: LSBD Participant Adr. 0 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:12		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A9053	LSB-BSE1: LSBD Participant Adr. 0 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:12		E	1
1A9054	LSB-BSE1: LSBD Participant Adr. 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:12		E	2
1A9064	LSB-BSE1: LSBD Participant Adr. 0 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:12		E	1
1A9065	LSB-BSE1: LSBD Participant Adr. 0 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:12		E	2
1A9066	LSB-BSE1: LSBD Participant Adr. 0 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:12		E	2
1A9067	LSB-BSE1: LSBD Participant Adr. 0 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:12		E	1
1A9068	LSB-BSE1: LSBD Participant Adr. 0 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:12		E	1
1A9069	LSB-BSE1: LSBD Participant Adr. 0 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:12		E	1
1A9250	LSB-BSE1: LSBD Participant Adr. 2 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X4:12		E	2
1A9251	LSB-BSE1: LSBD Participant Adr. 2 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X4:12		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1A9253	LSB-BSE1: LSBD Participant Adr. 2 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X4:12		E	1
1A9254	LSB-BSE1: LSBD Participant Adr. 2 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X4:12		E	2
1A9264	LSB-BSE1: LSBD Participant Adr. 2 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X4:12		E	1
1A9265	LSB-BSE1: LSBD Participant Adr. 2 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X4:12		E	2
1A9266	LSB-BSE1: LSBD Participant Adr. 2 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X4:12		E	2
1A9267	LSB-BSE1: LSBD Participant Adr. 2 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X4:12		E	1
1A9268	LSB-BSE1: LSBD Participant Adr. 2 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X4:12		E	1
1A9269	LSB-BSE1: LSBD Participant Adr. 2 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X4:12		E	1
1AB052	LSB-BSE1: Control data transfer LSBD has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361.X4:12		E	0
1AB055	LSB-BSE1: Control data transfer LSBD Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X4:12		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1AB056	LSB-BSE1: Control data transfer LSBD Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X4:12		E	2
1AB057	LSB-BSE1: Control data transfer LSBD has recognised network re-set (data transfer starts again) Entry in error stack, driver restarts and carried out new initialization of network Check bus line, pull successive sensors from bus until source of problem is found. Replace defective part	A361.X4:12		E	1
1AB058	LSB-BSE1: Control data transfer LSBD recognised participant with incorrect baud rate in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by system. Check address assignment of sensors	A361.X4:12		E	0
1AB059	LSB-BSE1: Control data transfer LSBD recognised communication breakdown in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by driver when restarting the network	A361.X4:12		E	0
1AB060	LSB-BSE1: Control data transfer LSBD driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant In case of temporary problems, the error is fixed by system. For incorrect configuration, new software required	A361.X4:12		E	2
1AB061	LSB-BSE1: Control data transfer LSBD driver error: undefined message appears Entry in error stack, driver restarts and carried out new initialization of network In case of temp. problems, the error will be fixed by system, otherwise new software required to remedy the error	A361.X4:12		E	2
1AB062	LSB-BSE1: Control data transfer LSBD driver error: initialising error Entry in error stack, driver restarts and carried out new initialization of network New Software necessary to remedy error	A361.X4:12		E	2
1B0050	LSB-BSE1: LSBE Participant Adr. 0 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X5:9		E	2
1B0051	LSB-BSE1: LSBE Participant Adr. 0 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X5:9		E	2
1B0053	LSB-BSE1: LSBE Participant Adr. 0 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X5:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1B0054	LSB-BSE1: LSBE Participant Adr. 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X5:9		E	2
1B0064	LSB-BSE1: LSBE Participant Adr. 0 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X5:9		E	1
1B0065	LSB-BSE1: LSBE Participant Adr. 0 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X5:9		E	2
1B0066	LSB-BSE1: LSBE Participant Adr. 0 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X5:9		E	2
1B0067	LSB-BSE1: LSBE Participant Adr. 0 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X5:9		E	1
1B0068	LSB-BSE1: LSBE Participant Adr. 0 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X5:9		E	1
1B0069	LSB-BSE1: LSBE Participant Adr. 0 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X5:9		E	1
1B0250	LSB-BSE1: LSBE Participant Adr. 2 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X5:9		E	2
1B0251	LSB-BSE1: LSBE Participant Adr. 2 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X5:9		E	2
1B0253	LSB-BSE1: LSBE Participant Adr. 2 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X5:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1B0254	LSB-BSE1: LSBE Participant Adr. 2 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X5:9		E	2
1B0264	LSB-BSE1: LSBE Participant Adr. 2 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X5:9		E	1
1B0265	LSB-BSE1: LSBE Participant Adr. 2 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X5:9		E	2
1B0266	LSB-BSE1: LSBE Participant Adr. 2 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X5:9		E	2
1B0267	LSB-BSE1: LSBE Participant Adr. 2 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X5:9		E	1
1B0268	LSB-BSE1: LSBE Participant Adr. 2 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X5:9		E	1
1B0269	LSB-BSE1: LSBE Participant Adr. 2 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X5:9		E	1
1B2052	LSB-BSE1: Control data transfer LSBE has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361.X5:9		E	0
1B2055	LSB-BSE1: Control data transfer LSBE Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X5:9		E	2
1B2056	LSB-BSE1: Control data transfer LSBE Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X5:9		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1B2057	LSB-BSE1: Control data transfer LSBE has recognised network re-set (data transfer starts again) Entry in error stack, driver restarts and carried out new initialization of network Check bus line, pull successive sensors from bus until source of problem is found. Replace defective part	A361.X5:9		E	1
1B2058	LSB-BSE1: Control data transfer LSBE recognised participant with incorrect baud rate in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by system. Check address assignment of sensors	A361.X5:9		E	0
1B2059	LSB-BSE1: Control data transfer LSBE recognised communication breakdown in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by driver when restarting the network	A361.X5:9		E	0
1B2060	LSB-BSE1: Control data transfer LSBE driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant In case of temporary problems, the error is fixed by system. For incorrect configuration, new software required	A361.X5:9		E	2
1B2061	LSB-BSE1: Control data transfer LSBE driver error: undefined message appears Entry in error stack, driver restarts and carried out new initialization of network In case of temp. problems, the error will be fixed by system, otherwise new software required to remedy the error	A361.X5:9		E	2
1B2062	LSB-BSE1: Control data transfer LSBE driver error: initialising error Entry in error stack, driver restarts and carried out new initialization of network New Software necessary to remedy error	A361.X5:9		E	2
1B3050	LSB-BSE1: LSBF Participant Adr. 0 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X5:10		E	2
1B3051	LSB-BSE1: LSBF Participant Adr. 0 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X5:10		E	2
1B3053	LSB-BSE1: LSBF Participant Adr. 0 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X5:10		E	1
1B3054	LSB-BSE1: LSBF Participant Adr. 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X5:10		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1B3064	LSB-BSE1: LSBF Participant Adr. 0 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X5:10		E	1
1B3065	LSB-BSE1: LSBF Participant Adr. 0 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X5:10		E	2
1B3066	LSB-BSE1: LSBF Participant Adr. 0 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X5:10		E	2
1B3067	LSB-BSE1: LSBF Participant Adr. 0 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X5:10		E	1
1B3068	LSB-BSE1: LSBF Participant Adr. 0 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X5:10		E	1
1B3069	LSB-BSE1: LSBF Participant Adr. 0 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X5:10		E	1
1B3250	LSB-BSE1: LSBF Participant Adr. 2 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X5:10		E	2
1B3251	LSB-BSE1: LSBF Participant Adr. 2 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X5:10		E	2
1B3253	LSB-BSE1: LSBF Participant Adr. 2 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X5:10		E	1
1B3254	LSB-BSE1: LSBF Participant Adr. 2 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X5:10		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1B3264	LSB-BSE1: LSBF Participant Adr. 2 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X5:10		E	1
1B3265	LSB-BSE1: LSBF Participant Adr. 2 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X5:10		E	2
1B3266	LSB-BSE1: LSBF Participant Adr. 2 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X5:10		E	2
1B3267	LSB-BSE1: LSBF Participant Adr. 2 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X5:10		E	1
1B3268	LSB-BSE1: LSBF Participant Adr. 2 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X5:10		E	1
1B3269	LSB-BSE1: LSBF Participant Adr. 2 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X5:10		E	1
1B5052	LSB-BSE1: Control data transfer LSBF has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361.X5:10		E	0
1B5055	LSB-BSE1: Control data transfer LSBF Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X5:10		E	2
1B5056	LSB-BSE1: Control data transfer LSBF Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X5:10		E	2
1B5057	LSB-BSE1: Control data transfer LSBF has recognised network re-set (data transfer starts again) Entry in error stack, driver restarts and carried out new initialization of network Check bus line, pull successive sensors from bus until source of problem is found. Replace defective part	A361.X5:10		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1B5058	LSB-BSE1: Control data transfer LSBF recognised participant with incorrect baud rate in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by system. Check address assignment of sensors	A361.X5:10		E	0
1B5059	LSB-BSE1: Control data transfer LSBF recognised communication breakdown in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by driver when restarting the network	A361.X5:10		E	0
1B5060	LSB-BSE1: Control data transfer LSBF driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant In case of temporary problems, the error is fixed by system. For incorrect configuration, new software required	A361.X5:10		E	2
1B5061	LSB-BSE1: Control data transfer LSBF driver error: undefined message appears Entry in error stack, driver restarts and carried out new initialization of network In case of temp. problems, the error will be fixed by system, otherwise new software required to remedy the error	A361.X5:10		E	2
1B5062	LSB-BSE1: Control data transfer LSBF driver error: initialising error Entry in error stack, driver restarts and carried out new initialization of network New Software necessary to remedy error	A361.X5:10		E	2
1B6050	LSB-BSE1: LSBG Participant Adr. 0 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X5:11		E	2
1B6051	LSB-BSE1: LSBG Participant Adr. 0 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X5:11		E	2
1B6053	LSB-BSE1: LSBG Participant Adr. 0 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X5:11		E	1
1B6054	LSB-BSE1: LSBG Participant Adr. 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X5:11		E	2
1B6064	LSB-BSE1: LSBG Participant Adr. 0 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X5:11		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1B6065	LSB-BSE1: LSBG Participant Adr. 0 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X5:11		E	2
1B6066	LSB-BSE1: LSBG Participant Adr. 0 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X5:11		E	2
1B6067	LSB-BSE1: LSBG Participant Adr. 0 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X5:11		E	1
1B6068	LSB-BSE1: LSBG Participant Adr. 0 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X5:11		E	1
1B6069	LSB-BSE1: LSBG Participant Adr. 0 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X5:11		E	1
1B6250	LSB-BSE1: LSBG Participant Adr. 2 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X5:11		E	2
1B6251	LSB-BSE1: LSBG Participant Adr. 2 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X5:11		E	2
1B6253	LSB-BSE1: LSBG Participant Adr. 2 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X5:11		E	1
1B6254	LSB-BSE1: LSBG Participant Adr. 2 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X5:11		E	2
1B6264	LSB-BSE1: LSBG Participant Adr. 2 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X5:11		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1B6265	LSB-BSE1: LSBG Participant Adr. 2 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X5:11		E	2
1B6266	LSB-BSE1: LSBG Participant Adr. 2 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X5:11		E	2
1B6267	LSB-BSE1: LSBG Participant Adr. 2 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X5:11		E	1
1B6268	LSB-BSE1: LSBG Participant Adr. 2 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X5:11		E	1
1B6269	LSB-BSE1: LSBG Participant Adr. 2 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X5:11		E	1
1B8052	LSB-BSE1: Control data transfer LSBG has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361.X5:11		E	0
1B8055	LSB-BSE1: Control data transfer LSBG Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X5:11		E	2
1B8056	LSB-BSE1: Control data transfer LSBG Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X5:11		E	2
1B8057	LSB-BSE1: Control data transfer LSBG has recognised network re-set (data transfer starts again) Entry in error stack, driver restarts and carried out new initialization of network Check bus line, pull successive sensors from bus until source of problem is found. Replace defective part	A361.X5:11		E	1
1B8058	LSB-BSE1: Control data transfer LSBG recognised participant with incorrect baud rate in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by system. Check address assignment of sensors	A361.X5:11		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1B8059	LSB-BSE1: Control data transfer LSBG recognised communication breakdown in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by driver when restarting the network	A361.X5:11		E	0
1B8060	LSB-BSE1: Control data transfer LSBG driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant In case of temporary problems, the error is fixed by system. For incorrect configuration, new software required	A361.X5:11		E	2
1B8061	LSB-BSE1: Control data transfer LSBG driver error: undefined message appears Entry in error stack, driver restarts and carried out new initialization of network In case of temp. problems, the error will be fixed by system, otherwise new software required to remedy the error	A361.X5:11		E	2
1B8062	LSB-BSE1: Control data transfer LSBG driver error: initialising error Entry in error stack, driver restarts and carried out new initialization of network New Software necessary to remedy error	A361.X5:11		E	2
1B9050	LSB-BSE1: LSBH Participant Adr. 0 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X5:12		E	2
1B9051	LSB-BSE1: LSBH Participant Adr. 0 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X5:12		E	2
1B9053	LSB-BSE1: LSBH Participant Adr. 0 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X5:12		E	1
1B9054	LSB-BSE1: LSBH Participant Adr. 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X5:12		E	2
1B9064	LSB-BSE1: LSBH Participant Adr. 0 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X5:12		E	1
1B9065	LSB-BSE1: LSBH Participant Adr. 0 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X5:12		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1B9066	LSB-BSE1: LSBH Participant Adr. 0 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X5:12		E	2
1B9067	LSB-BSE1: LSBH Participant Adr. 0 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X5:12		E	1
1B9068	LSB-BSE1: LSBH Participant Adr. 0 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X5:12		E	1
1B9069	LSB-BSE1: LSBH Participant Adr. 0 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X5:12		E	1
1B9250	LSB-BSE1: LSBH Participant Adr. 2 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361.X5:12		E	2
1B9251	LSB-BSE1: LSBH Participant Adr. 2 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361.X5:12		E	2
1B9253	LSB-BSE1: LSBH Participant Adr. 2 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361.X5:12		E	1
1B9254	LSB-BSE1: LSBH Participant Adr. 2 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361.X5:12		E	2
1B9264	LSB-BSE1: LSBH Participant Adr. 2 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361.X5:12		E	1
1B9265	LSB-BSE1: LSBH Participant Adr. 2 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361.X5:12		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1B9266	LSB-BSE1: LSBH Participant Adr. 2 with software version, that is no longer compatible Entry in error stack otherwise no reaction. It is tried, if possible, to work with the sensor replace sensor through new part	A361.X5:12		E	2
1B9267	LSB-BSE1: LSBH Participant Adr. 2 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361.X5:12		E	1
1B9268	LSB-BSE1: LSBH Participant Adr. 2 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361.X5:12		E	1
1B9269	LSB-BSE1: LSBH Participant Adr. 2 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361.X5:12		E	1
1BB052	LSB-BSE1: Control data transfer LSBH has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361.X5:12		E	0
1BB055	LSB-BSE1: Control data transfer LSBH Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X5:12		E	2
1BB056	LSB-BSE1: Control data transfer LSBH Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361.X5:12		E	2
1BB057	LSB-BSE1: Control data transfer LSBH has recognised network re-set (data transfer starts again) Entry in error stack, driver restarts and carried out new initialization of network Check bus line, pull successive sensors from bus until source of problem is found. Replace defective part	A361.X5:12		E	1
1BB058	LSB-BSE1: Control data transfer LSBH recognised participant with incorrect baud rate in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by system. Check address assignment of sensors	A361.X5:12		E	0
1BB059	LSB-BSE1: Control data transfer LSBH recognised communication breakdown in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by driver when restarting the network	A361.X5:12		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1BB060	LSB-BSE1: Control data transfer LSBH driver error: no order to carry out entry in error memory, driver runs on normally and waits for bus connection of participant In case of temporary problems, the error is fixed by system. For incorrect configuration, new software required	A361.X5:12		E	2
1BB061	LSB-BSE1: Control data transfer LSBH driver error: undefined message appears Entry in error stack, driver restarts and carried out new initialization of network In case of temp. problems, the error will be fixed by system, otherwise new software required to remedy the error	A361.X5:12		E	2
1BB062	LSB-BSE1: Control data transfer LSBH driver error: initialising error Entry in error stack, driver restarts and carried out new initialization of network New Software necessary to remedy error	A361.X5:12		E	2
1C0050	LSB-BSE1: LSBJ Participant Adr. 0 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361		E	2
1C0051	LSB-BSE1: LSBJ Participant Adr. 0 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361		E	2
1C0053	LSB-BSE1: LSBJ Participant Adr. 0 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361		E	1
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1C0067	LSB-BSE1: LSBJ Participant Adr. 0 supports no download function Entry in error stack, otherwise no reaction. No download is made Carry out no Download	A361		E	1
1C0068	LSB-BSE1: LSBJ Participant Adr. 0 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361		E	1
1C0069	LSB-BSE1: LSBJ Participant Adr. 0 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361		E	1
1C2052	LSB-BSE1: Control data transfer LSBJ has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361		E	0
1C2055	LSB-BSE1: Control data transfer LSBJ Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361		E	2
1C2056	LSB-BSE1: Control data transfer LSBJ Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361		E	2
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1C2061	LSB-BSE1: Control data transfer LSBJ driver error: undefined message appears Entry in error stack, driver restarts and carried out new initialization of network In case of temp. problems, the error will be fixed by system, otherwise new software required to remedy the error	A361		E	2
1C2062	LSB-BSE1: Control data transfer LSBJ driver error: initialising 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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1C3068	LSB-BSE1: LSBK Participant Adr. 0 may not be installed in this operating condition Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remove participant from Bus	A361		E	1
1C3069	LSB-BSE1: LSBK Participant Adr. 0 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361		E	1
1C5052	LSB-BSE1: Control data transfer LSBK has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361		E	0
1C5055	LSB-BSE1: Control data transfer LSBK Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361		E	2
1C5056	LSB-BSE1: Control data transfer LSBK Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361		E	2
1C5057	LSB-BSE1: Control data transfer LSBK has recognised network re-set (data transfer starts again) Entry in error stack, driver restarts and carried out new initialization of network Check bus line, pull successive sensors from bus until source of problem is found. Replace defective part	A361		E	1
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1C5062	LSB-BSE1: Control data transfer LSBK driver error: initialising error Entry in error stack, driver restarts and carried out new initialization of network New Software necessary to remedy error	A361		E	2
1C6050	LSB-BSE1: LSBL Participant Adr. 0 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361		E	2
1C6051	LSB-BSE1: LSBL Participant Adr. 0 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361		E	2
1C6053	LSB-BSE1: LSBL Participant Adr. 0 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361		E	1
1C6054	LSB-BSE1: LSBL Participant Adr. 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361		E	2
1C6064	LSB-BSE1: LSBL Participant Adr. 0 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361		E	1
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1C6069	LSB-BSE1: LSBL Participant Adr. 0 two participants are active on this address Entry in error stack otherwise no reaction. Error free operation is no longer ensured Remedy address conflict by removing one participant. Assign correct addresses via test system	A361		E	1
1C8052	LSB-BSE1: Control data transfer LSBL has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361		E	0
1C8055	LSB-BSE1: Control data transfer LSBL Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361		E	2
1C8056	LSB-BSE1: Control data transfer LSBL Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361		E	2
1C8057	LSB-BSE1: Control data transfer LSBL has recognised network re-set (data transfer starts again) Entry in error stack, driver restarts and carried out new initialization of network Check bus line, pull successive sensors from bus until source of problem is found. Replace defective part	A361		E	1
1C8058	LSB-BSE1: Control data transfer LSBL recognised participant with incorrect baud rate in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by system. Check address assignment of sensors	A361		E	0
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: initialising 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
1C9050	LSB-BSE1: LSBM Participant Adr. 0 reports an incorrect sensor type Entry in error stack, otherwise no reaction. The answer is interpreted acc. to nominal type recognition check address assignment over test system (LSB-screen), install correct sensor	A361		E	2
1C9051	LSB-BSE1: LSBM Participant Adr. 0 was not configured for the block transfer Entry in error stack, otherwise no reaction. No block transfer is made configuration problem, load new Software	A361		E	2
1C9053	LSB-BSE1: LSBM Participant Adr. 0 no longer reports or withdrawn during running period Entry in error stack, participant is deactivated. Data buffers for application are set to 0 check connection, if connection OK then replace sensor	A361		E	1
1C9054	LSB-BSE1: LSBM Participant Adr. 0 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A361		E	2
1C9064	LSB-BSE1: LSBM Participant Adr. 0 reports tolerable error in self-test Entry in error stack otherwise no reaction. Only note, the sensor still functions without restriction check sensor, clean if necessary, with repeated occurrence replace sensor	A361		E	1
1C9065	LSB-BSE1: LSBM Participant Adr. 0 reports intolerable error in self-test Entry in error stack otherwise no reaction. Error free operation is no longer ensured replace sensor immediately	A361		E	2
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1CB052	LSB-BSE1: Control data transfer LSBM has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A361		E	0
1CB055	LSB-BSE1: Control data transfer LSBM Bus connection faulty/defect, short circuit to supply voltage Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361		E	2
1CB056	LSB-BSE1: Control data transfer LSBM Bus connection faulty/defect, no supply/short circuit to earth Entry in error stack, driver tries to restart the bus. As soon as error is remedied, bus will start check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A361		E	2
1CB057	LSB-BSE1: Control data transfer LSBM has recognised network re-set (data transfer starts again) Entry in error stack, driver restarts and carried out new initialization of network Check bus line, pull successive sensors from bus until source of problem is found. Replace defective part	A361		E	1
1CB058	LSB-BSE1: Control data transfer LSBM recognised participant with incorrect baud rate in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by system. Check address assignment of sensors	A361		E	0
1CB059	LSB-BSE1: Control data transfer LSBM recognised communication breakdown in bus Entry in error stack, driver restarts and carried out new initialization of network Will be remedied by driver when restarting the network	A361		E	0
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: initialising 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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1D0620	LSB-BSE1: Data recorder Init: Firmware version incorrect/faulty Has not yet been checked!	A361		E	1
1D0621	LSB-BSE1: Data recorder Init: ATA-card not initialised STATUS-error: Data recorder software stops - no documentation possible! Initialize ATA-Card with PC-Software 'LICCON Manager'	A361		E	1
1D0622	LSB-BSE1: Data recorder Init: ATA-card contains different crane number STATUS-error: Data recorder software stops - no documentation possible! Use ATA card with correct crane number or newly initialised ATA card	A361		E	1
1D0623	LSB-BSE1: Data recorder Init: Format-File-Transfer faulty Repeat of Format-File transfers in 1 sec. cycles If necessary, correct type and country specific format file 'Lnnttt01vvrr.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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1DD01E	LSB-BSE1: Supply voltage 15.3 / CPU0 Voltage outside permissible range error report Check voltage, electr. connections and fuse	A361.X1:1		E	2
1DD11E	LSB-BSE1: Supply voltage 30.3 / CPU0 Voltage outside permissible range error report Check battery, electr. connections and fuse	A361.X1:2		E	2
1DDE14	LSB-BSE1: Analog input 0E0 / DSP0 short circuit to supply voltage error report Check DSP0-output A0.0, relay, electr. connections	A361.X4:3		E	2
1DDF14	LSB-BSE1: Analog input 0E1 / DSP0 short circuit to supply voltage error report Check DSP0-output A0.0, relay, electr. connections	A361.X4:4		E	2
1DE012	LSB-BSE1: Analog input 0E2 / DSP0 short circuit to ground error report Check Em. Off switch, voltage, electr. connections	A361.X4:5		E	2
1DE117	LSB-BSE1: Supply voltage 30.1 / DSP0 voltage below required value error indication on display Check battery, voltage, electr. connections and fuse	A361.X4:7		E	2
1DE217	LSB-BSE1: Supply voltage 15.1 / DSP0 voltage below required value error indication on display Check voltage	A361.X4:8		E	2
1DE317	LSB-BSE1: Supply voltage 24V.1 (0A0-1) / DSP0 voltage below required value error indication on display Check voltage, electr. connections and fuse	A361.X4:15		E	2
1DE614	LSB-BSE1: Analog input 1E0 / DSP1 short circuit to supply voltage error report Check DSP1-output A0.0, relay, electr. connections	A361.X5:3		E	2
1DE714	LSB-BSE1: Analog input 1E1 / DSP1 short circuit to supply voltage error report Check DSP1-output A0.0, relay, electr. connections	A361.X5:4		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
1DE812	LSB-BSE1: Analog input 1E2 / DSP1 short circuit to ground error report Check Em. Off switch, voltage, electr. connections	A361.X5:5		E	2
1DE917	LSB-BSE1: Supply voltage 30.1 / DSP1 voltage below required value error indication on display Check battery, voltage, electr. connections and fuse	A361.X5:7		E	2
1DEA17	LSB-BSE1: Supply voltage 15.1 / DSP1 voltage below required value error indication on display Check voltage	A361.X5:8		E	2
1DEB17	LSB-BSE1: Supply voltage 24V.1 (0A0-1) / DSP1 voltage below required value error indication on display Check voltage, electr. connections and fuse	A361.X5:15		E	2
1DEC1B	LSB-BSE1: 2.Shut off channel / DSP0 digital shut off defective Set error message to display, entry in error stack, error status bit in EW5 Check output current, user, fuse, replace module if nec.	A361		E	2
1DEC72	LSB-BSE1: 2.Shut off channel / DSP0 outside source feeding Set error message to display, entry in error stack, error status bit in EW5 Check output current, user, replace module, if nec.	A361		E	2
1DED1B	LSB-BSE1: 2.Shut off channel / DSP1 digital shut off defective Set error message to display, entry in error stack, error status bit in EW5 Check output current, user, fuse, replace module if nec.	A361		E	2
1DED72	LSB-BSE1: 2.Shut off channel / DSP1 outside source feeding Set error message to display, entry in error stack, error status bit in EW5 Check output current, user, replace module, if nec.	A361		E	2
1DF006	LSB-BSE1: System error OS-DSP0 initialising error RAM erroneous Entry in error memory, program is stopped Inform Service of all error parameters and replace module	A361		E	2
1DF013	LSB-BSE1: System error OS-DSP0 Test sum in FLASH erroneous error indication on display Inform Service of all error parameters and replace module	A361		E	2

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
1DF1C1	LSB-BSE1: System error OS-DSP1 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
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
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

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

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

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

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

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

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
210054	ZE 2: output 0 short circuit to supply voltage	A422.X1:16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
210113	ZE 2: output 1 open signal circuits	A422.X1:17		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
210173	ZE 2: output 1 open circuit or short circuit to supply voltage/ground	A422.X1:17		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
210312	ZE 2: output 3 short circuit to ground	A422.X1:19		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
210372	ZE 2: output 3 outside source feeding	A422.X1:19		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
210470	ZE 2: output 4 measuring system defect no crane operation possible entry in error list	A422.X1:20		E	1

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
210658	ZE 2: output 6 positive switching transistor: disruption	A422.X1:22		E	1

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
215259	ZE 2: output group 2 supply voltage missing	A422		E	1

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

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

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

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

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

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

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

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

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

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

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
221764	ZE 2: LSB participant address 17 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1

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

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

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

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

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
223004	ZE 2: LSB participant address 30 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A422.X2:z14/z16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
223005	ZE 2: LSB participant address 30 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A422.X2:z14/z16		E	1
223018	ZE 2: LSB participant address 30 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A422.X2:z14/z16		E	0
223050	ZE 2: LSB participant address 30 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A422.X2:z14/z16		E	2
223051	ZE 2: LSB participant address 30 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A422.X2:z14/z16		E	2
223053	ZE 2: LSB participant address 30 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A422.X2:z14/z16		E	1
223054	ZE 2: LSB participant address 30 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A422.X2:z14/z16		E	2
223064	ZE 2: LSB participant address 30 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A422.X2:z14/z16		E	1
223065	ZE 2: LSB participant address 30 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A422.X2:z14/z16		E	2
223066	ZE 2: LSB participant address 30 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A422.X2:z14/z16		E	2
223067	ZE 2: LSB participant address 30 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A422.X2:z14/z16		E	1

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: initialising 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	
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
232100	ZE 2: control winch 2 no slewing movement recognized on actuated winch output of error check LICCON output, lines for short or break, incremental sensor on function, hoisting gear brake	A422		E	1
232102	ZE 2: control winch 2 hydraulic circuit pressure sensor defective/missing if valid winch torque for LMB is available this will be used, otherwise 0 bar is loaded into pressure value memory Observe system error for faulty or missing sensor.	A422		E	1
232103	ZE 2: control winch 2 Winch turn sensor, internal non-tolerable continuous error (P0=04H) Operation conditional switch off, may not be shunted in the LSB- sensor view of the test system: take over default values, otherwise replace sensor	A422		E	

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
232114	ZE 2: control winch 2 Winch turn sensor, tolerable error(P0=40H) Output of error Replace sensor in the meantime	A422		E	
232115	ZE 2: control winch 2 tolerable error, maximum theoretical load collective reached Output of error Check winch	A422		E	
232117	ZE 2: control winch 2 Brake pressure exists and brake is not actuated output of error Check: - Outlet LICCON, -Line for short circuit after supply voltage, hydraulic control hoist gear brake	A422		E	1
232118	ZE 2: control winch 2 Pressure too high when pump is not actuated Output of error Check pump or pressure sensor	A422		E	
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
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
235021	ZE 2: operation winch 1 Shut-down measuring point 1 > F max - operation operational shut down Lower load or raise derrick ballast if possible or lay on additional derrick counterweight if possible.	A422		B	
235022	ZE 2: operation winch 1 Shut-down measuring point 1 > F max - assembly Operation conditional switch off, may not be shunted Lower load or raise derrick ballast if possible or lay on additional derrick counterweight if possible.	A422		B	
235024	ZE 2: operation winch 1 Shut-down measuring point 1 < F min and count. utilisation > 50% Operation conditional switch off, may not be shunted Lower load or set down derrick counterweight if possible or wind off luffing gear if possible.	A422		B	
235025	ZE 2: operation winch 1 Shut-down measuring point 1 < F min and count. utilisation > 90% Operation conditional switch off, may not be shunted Set down derrick counterweight on ground, if not possible unload derrick counterweight, until forces in desired range	A422		B	
235026	ZE 2: operation winch 1 Shut-down upper limit angle derrick OGWD operational shut down Operate derrick boom in operating position - shut-down may be shunted (danger).	A422		B	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
235039	ZE 2: operation winch 1 seat contact shut-down operational shut down Sit down or actuate one of the shunting switches for the seat contact in the master switches.	A422		B	
23503E	ZE 2: operation winch 1 Shut off master switch zero position forced operational shut down Bring the master switch to neutral pos. and then deflect the desired movement again	A422		B	
235044	ZE 2: operation winch 1 Shut-off crane engine not running Output of error, crane function is not selected. Should crane function be required, start engine and re-actuate master switch.	A422		B	
235050	ZE 2: operation winch 1 end of stroke switch shut-down 1 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A422		B	
235051	ZE 2: operation winch 1 end of stroke switch shut-down 2 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A422		B	
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	
23505A	ZE 2: operation winch 1 Shut off Hoist limit switch 3 / 4 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A422		B	
235062	ZE 2: operation winch 1 Emerg. shut-off winch-winch rotational sensor interrupts brake control Emergency shut-down - raising / lowering winch only possible in emergency operation Check why "Winch wound out" shut-off did not function, lifting/lowering only possible with emergency operation (danger)	A422		B	
235063	ZE 2: operation winch 1 Crane engine in overspeed Operation conditional switch off, may not be shunted Check engine RPM shut off cannot be bypassed	A422		B	
235064	ZE 2: operation winch 1 Release pressure of brake fallen below Operation conditional switch off, may not be shunted Check release pressure of brake - shut off not bridgeable	A422		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
235081	ZE 2: operation winch 1 end of stroke switch 1 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A422		B	
235082	ZE 2: operation winch 1 end of stroke switch 2 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A422		B	
235083	ZE 2: operation winch 1 end of stroke switch 3 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A422		B	
23508B	ZE 2: operation winch 1 Shut off Hoist limit switch 3 / 4 erroneous operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A422		B	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
235122	ZE 2: operation winch 2 Shut-down measuring point 1 > F max - assembly Operation conditional switch off, may not be shunted Lower load or raise derrick ballast if possible or lay on additional derrick counterweight if possible.	A422		B	
235124	ZE 2: operation winch 2 Shut-down measuring point 1 < F min and count. utilisation > 50% Operation conditional switch off, may not be shunted Lower load or set down derrick counterweight if possible or wind off luffing gear if possible.	A422		B	
235125	ZE 2: operation winch 2 Shut-down measuring point 1 < F min and count. utilisation > 90% Operation conditional switch off, may not be shunted Set down derrick counterweight on ground, if not possible unload derrick counterweight, until forces in desired range	A422		B	
235126	ZE 2: operation winch 2 Shut-down upper limit angle derrick OGWD operational shut down Operate derrick boom in operating position - shut-down may be shunted (danger).	A422		B	
235127	ZE 2: operation winch 2 Shut-down lower limit angle derrick UGWD operational shut down Operate derrick boom in operating position - shut-down may be shunted (danger).	A422		B	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
235139	ZE 2: operation winch 2 seat contact shut-down operational shut down Sit down or actuate one of the shunting switches for the seat contact in the master switches.	A422		B	
23513E	ZE 2: operation winch 2 Shut off master switch zero position forced operational shut down Bring the master switch to neutral pos. and then deflect the desired movement again	A422		B	
235144	ZE 2: operation winch 2 Shut-off crane engine not running Output of error, crane function is not selected. Should crane function be required, start engine and re-actuate master switch.	A422		B	
235150	ZE 2: operation winch 2 end of stroke switch shut-down 1 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A422		B	
235151	ZE 2: operation winch 2 end of stroke switch shut-down 2 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A422		B	
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	
23515A	ZE 2: operation winch 2 Shut off Hoist limit switch 3 / 4 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A422		B	
235162	ZE 2: operation winch 2 Emerg. shut-off winch-winch rotational sensor interrupts brake control Emergency shut-down - raising / lowering winch only possible in emergency operation Check why "Winch wound out" shut-off did not function, lifting/lowering only possible with emergency operation (danger)	A422		B	
235163	ZE 2: operation winch 2 Crane engine in overspeed Operation conditional switch off, may not be shunted Check engine RPM shut off cannot be bypassed	A422		B	
235164	ZE 2: operation winch 2 Release pressure of brake fallen below Operation conditional switch off, may not be shunted Check release pressure of brake - shut off not bridgeable	A422		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
235181	ZE 2: operation winch 2 end of stroke switch 1 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A422		B	
235182	ZE 2: operation winch 2 end of stroke switch 2 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A422		B	
235183	ZE 2: operation winch 2 end of stroke switch 3 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A422		B	
23518B	ZE 2: operation winch 2 Shut off Hoist limit switch 3 / 4 erroneous operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A422		B	
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
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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
323255	ZE 3: Control data transfer LSB Bus connection faulty/defect, short circuit to supply voltage entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A423.X2:z14/z16		E	2
323256	ZE 3: Control data transfer LSB Bus connection faulty/defect, no supply/short circuit to earth entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A423.X2:z14/z16		E	2
323257	ZE 3: Control data transfer LSB has recognised network re-set (data transfer starts again) entry in error memory, driver re-starts and runs re-booting of network check bus lines, withdraw sensors successively from bus until malfunction source recognised, replace defective part	A423.X2:z14/z16		E	1
323258	ZE 3: Control data transfer LSB recognised participant with incorrect baud rate in bus entry in error memory, driver re-starts and runs re-booting of network will be eliminated from system itself, check address assignment of sensors	A423.X2:z14/z16		E	0

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
332218	ZE 3: control winch 3 Pressure too high when pump is not actuated Output of error Check pump or pressure sensor	A423		E	
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
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
332309	ZE 3: control winch 4 Winch turn sensor, tolerable error(P0=02H), replace external EEPROM Output of error Replace sensor in the meantime	A423		E	
332310	ZE 3: control winch 4 Winch turn sensor, tolerable error (P0=04H) button pressed constantly Output of error, adjusting with button does not work Check button, replace sensor in the meantime, if necessary	A423		E	
332311	ZE 3: control winch 4 Winch turn sensor,tolerable error (P0=08H) pressure sensor1 not 4-20mA Output of error Check pressure sensor - Analog signal line to winch turn sensor, or replace this pressure sensor	A423		E	
332312	ZE 3: control winch 4 Winch turn sensor, tolerable error(P0=10H) pressure sensor2 not 4-20mA Output of error Check pressure sensor - Analog signal line to winch turn sensor, or replace this pressure sensor	A423		E	
332313	ZE 3: control winch 4 Winch turn sensor, tolerable error(P0=20H) Safety relay stuck Output of error, 2. shut off "Winch spooled out " does not work Replace sensor in the meantime	A423		E	
332314	ZE 3: control winch 4 Winch turn sensor, tolerable error(P0=40H) Output of error Replace sensor in the meantime	A423		E	
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	
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
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	
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	

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
335244	ZE 3: operation winch 3 Shut-off crane engine not running Output of error, crane function is not selected. Should crane function be required, start engine and re-actuate master switch.	A423		B	
335250	ZE 3: operation winch 3 end of stroke switch shut-down 1 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A423		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
33525A	ZE 3: operation winch 3 Shut off Hoist limit switch 3 / 4 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A423		B	
335262	ZE 3: operation winch 3 Emerg. shut-off winch-winch rotational sensor interrupts brake control Emergency shut-down - raising / lowering winch only possible in emergency operation Check why "Winch wound out" shut-off did not function, lifting/lowering only possible with emergency operation (danger)	A423		B	
335263	ZE 3: operation winch 3 Crane engine in overspeed Operation conditional switch off, may not be shunted Check engine RPM shut off cannot be bypassed	A423		B	
335264	ZE 3: operation winch 3 Release pressure of brake fallen below Operation conditional switch off, may not be shunted Check release pressure of brake - shut off not bridgeable	A423		B	
335266	ZE 3: operation winch 3 Shut off pressure sensor "RFP main boom" defective / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335267	ZE 3: operation winch 3 Shut off pressure sensor "RFP Derrick" defective / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
335286	ZE 3: operation winch 3 Shut-down limit switch "RFP Main boom" links faulty / not present Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
33528B	ZE 3: operation winch 3 Shut off Hoist limit switch 3 / 4 erroneous operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A423		B	
335297	ZE 3: operation winch 3 Shut off pressure Relapse cyl. SA br. outside nom. range Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335298	ZE 3: operation winch 3 Shut off pressure Relapse cyl. main boom outside nom. range Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335299	ZE 3: operation winch 3 Shut off pressure Relapse cyl. derrick outside nom. range Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
335306	ZE 3: operation winch 4 upper angle limit OGW shut-down operational shut down reel winch out until the radius is within the load chart again - shut-down can be shunted (danger)	A423		B	
335307	ZE 3: operation winch 4 lower angle limit UGW shut-down operational shut down reel winch in until the radius is within the load chart again - shut-down can be shunted (danger)	A423		B	
335308	ZE 3: operation winch 4 luffing up main boom shut-down working area limitation ABB operational shut down reel winch out until crane in working area again - shunting through shutting down of working area limitation	A423		B	
335309	ZE 3: operation winch 4 luffing down main boom shut-down working area limitation ABB operational shut down reel winch in until crane in working area again - shunting through shutting down of working area limitation	A423		B	
33530D	ZE 3: operation winch 4 Shut off WA-Bock bottom Operation conditional switch off, may not be shunted reel winch in until limit switch is no longer actuated - shut-down cannot be shunted	A423		B	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
335320	ZE 3: operation winch 4 LMB shut-down operational shut down Remedy cause of "LMB Stop" see error report LMB - shut-down may be shunted via assembly switch (danger).	A423		B	
335321	ZE 3: operation winch 4 Shut-down measuring point 1 > F max - operation operational shut down Lower load or raise derrick ballast if possible or lay on additional derrick counterweight if possible.	A423		B	
335322	ZE 3: operation winch 4 Shut-down measuring point 1 > F max - assembly Operation conditional switch off, may not be shunted Lower load or raise derrick ballast if possible or lay on additional derrick counterweight if possible.	A423		B	
335324	ZE 3: operation winch 4 Shut-down measuring point 1 < F min and count. utilisation > 50% Operation conditional switch off, may not be shunted Lower load or set down derrick counterweight if possible or wind off luffing gear if possible.	A423		B	
335325	ZE 3: operation winch 4 Shut-down measuring point 1 < F min and count. utilisation > 90% Operation conditional switch off, may not be shunted Set down derrick counterweight on ground, if not possible unload derrick counterweight, until forces in desired range	A423		B	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
335332	ZE 3: operation winch 4 master switch 3 defective/missing operational shut down Turn master switch to zero position. Otherwise note system error for defective or missing sensors.	A423		B	
335337	ZE 3: operation winch 4 Winch rotational sensor faulty / missing Operation conditional switch off, may not be shunted Check: -sensor for function, cables for interruption or short circuit	A423		B	
335339	ZE 3: operation winch 4 seat contact shut-down operational shut down Sit down or actuate one of the shunting switches for the seat contact in the master switches.	A423		B	
33533E	ZE 3: operation winch 4 Shut off master switch zero position forced operational shut down Bring the master switch to neutral pos. and then deflect the desired movement again	A423		B	
335344	ZE 3: operation winch 4 Shut-off crane engine not running Output of error, crane function is not selected. Should crane function be required, start engine and re-actuate master switch.	A423		B	
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	
33535A	ZE 3: operation winch 4 Shut off Hoist limit switch 3 / 4 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A423		B	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
33536F	ZE 3: operation winch 4 Shut off both limit switches "WA-Bock bottom" incorrect / missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335370	ZE 3: operation winch 4 shut-down both limit switches "flap in position" defect./missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335372	ZE 3: operation winch 4 shut-down both angle sensors "fly jib" defective/missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335373	ZE 3: operation winch 4 shut-down both limit switches "lower fly jib" defective/missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
335374	ZE 3: operation winch 4 shut-down both limit switches "upper fly jib flap" defect./missing Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	
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	
335381	ZE 3: operation winch 4 end of stroke switch 1 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A423		B	
335382	ZE 3: operation winch 4 end of stroke switch 2 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A423		B	
335383	ZE 3: operation winch 4 end of stroke switch 3 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A423		B	
335385	ZE 3: operation winch 4 Shut-down limit switch right "RFP main boom" faulty / not present Operation conditional switch off, may not be shunted release master switch - error elimination see corresponding system error	A423		B	

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
336202	ZE 3: Operation crawler 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	A423		B	
336203	ZE 3: Operation crawler Shut-down support counterweight carriage is not retracted Operation conditional switch off, may not be shunted Retract support counterweight carriage completely.	A423		B	
336205	ZE 3: Operation crawler Shut-down wheels counterweight carriage not in travel position Operational shut-down, shuntable 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, shuntable 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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
336219	ZE 3: Operation crawler no or invalid operation mode shut-down operational shut down Using the additional error reports determine which error is present with ballast configuration.	A423		B	
336220	ZE 3: Operation crawler High-speed gear crawler is not poss. - parallel op. crawler is on High speed crawler is not possible Switch off crawler parallel operation.	A423		B	
336221	ZE 3: Operation crawler Track top speed not possible – suspended counterweight is raised High speed crawler is not possible Switch off crawler parallel operation.	A423		B	
336230	ZE 3: Operation crawler Master switch 4 faulty/not present operational shut down Put foot pedal in zero position. Otherwise note system error for defective or missing sensors.	A423		B	
336231	ZE 3: Operation crawler Master switch 5 faulty/not present operational shut down Put foot pedal in zero position. Otherwise note system error for defective or missing sensors.	A423		B	
336233	ZE 3: Operation crawler Parallel operation differential path between crawlers too great operational shut down Switch off parallel crawler operation and switch on again, parallel operation is thus newly adjusted.	A423		B	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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 presen 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 presen 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
336274	ZE 3: Operation crawler Shut-down limit switch "Support retracted" vo. faulty/not present Operation conditional switch off, may not be shunted Release foot pedal - error remedy see corresponding system error	A423		B	
336275	ZE 3: Operation crawler Shut-down limit switch "Support retracted" hi. faulty/not present Operation conditional switch off, may not be shunted Release foot pedal - error remedy see corresponding system error	A423		B	
336285	ZE 3: Operation crawler Shut-down limit switch "RFP Main boom" right faulty/not present Operation conditional switch off, may not be shunted Release foot pedal - error remedy see corresponding system error	A423		B	
336286	ZE 3: Operation crawler Shut-down limit switch "RFP Main boom" links faulty/not present Operation conditional switch off, may not be shunted Release foot pedal - error remedy see corresponding system error	A423		B	
336287	ZE 3: Operation crawler Shut-down limit switch "Overtop guard cyl D" right faulty/not 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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
336942	ZE 3: Operation crane control Emergency op. crane cont. switched on with start test-safety chain report of error, otherwise no reaction Switch off emergency operation, restart LICCON, test safety chain will then be carried out	A423		E	1
336943	ZE 3: Operation crane control Emergency op. crane control switched on during test-safety chain report of error, otherwise no reaction Switch off emergency operation, restart LICCON, test safety chain will then be carried out	A423		E	1
361001	E/A-Modul 3: system error OS-C167 initialising error processor-register erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A13		E	2
361002	E/A-Modul 3: system error OS-C167 initialising error test total in EPROM/FLASH erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A13		E	2
361006	E/A-Modul 3: system error OS-C167 initialising error RAM erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A13		E	2
361013	E/A-Modul 3: system error OS-C167 test total in EPROM/FLASH erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A13		E	2
361016	E/A-Modul 3: system error OS-C167 system-, driver-watchdog expired error indication on display note error report, ignition ON/OFF, with repeated occurrence --> inform after-sales service	A13		E	2
361068	E/A-Modul 3: system error OS-C167 impermissible interrupt error indication on display note error report, ignition ON/OFF, with repeated occurrence --> inform after-sales service	A13		E	2
361071	E/A-Modul 3: system error OS-C167 Invalid configuration or Firmware error indication on display re-load Software from ZE	A13		E	2
361080	E/A-Modul 3: system error OS-C167 fatal internal software error error indication on display note error report, ignition ON/OFF, with repeated occurrence --> inform after-sales service	A13		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
361082	E/A-Modul 3: system error OS-C167 hardware-watchdog erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A13		E	2
372052	E/A-Modul 3: input/output DEA0 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:17		E	1
372053	E/A-Modul 3: input/output DEA0 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:17		E	1
372054	E/A-Modul 3: input/output DEA0 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:17		E	1
372055	E/A-Modul 3: input/output DEA0 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:17		E	1
372152	E/A-Modul 3: input/output DEA1 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:15		E	1
372153	E/A-Modul 3: input/output DEA1 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:15		E	1
372154	E/A-Modul 3: input/output DEA1 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:15		E	1
372155	E/A-Modul 3: input/output DEA1 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:15		E	1
372252	E/A-Modul 3: input/output DEA2 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:13		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
372253	E/A-Modul 3: input/output DEA2 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:13		E	1
372254	E/A-Modul 3: input/output DEA2 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:13		E	1
372255	E/A-Modul 3: input/output DEA2 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:13		E	1
372352	E/A-Modul 3: input/output DEA3 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:11		E	1
372353	E/A-Modul 3: input/output DEA3 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:11		E	1
372354	E/A-Modul 3: input/output DEA3 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:11		E	1
372355	E/A-Modul 3: input/output DEA3 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:11		E	1
372452	E/A-Modul 3: input/output DEA4 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:9		E	1
372453	E/A-Modul 3: input/output DEA4 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:9		E	1
372454	E/A-Modul 3: input/output DEA4 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:9		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
372455	E/A-Modul 3: input/output DEA4 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:9		E	1
372552	E/A-Modul 3: input/output DEA5 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:7		E	1
372553	E/A-Modul 3: input/output DEA5 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:7		E	1
372554	E/A-Modul 3: input/output DEA5 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:7		E	1
372555	E/A-Modul 3: input/output DEA5 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:7		E	1
372652	E/A-Modul 3: input/output DEA6 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:5		E	1
372653	E/A-Modul 3: input/output DEA6 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:5		E	1
372654	E/A-Modul 3: input/output DEA6 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:5		E	1
372655	E/A-Modul 3: input/output DEA6 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:5		E	1
372752	E/A-Modul 3: input/output DEA7 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
372753	E/A-Modul 3: input/output DEA7 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:3		E	1
372754	E/A-Modul 3: input/output DEA7 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:3		E	1
372755	E/A-Modul 3: input/output DEA7 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:3		E	1
373017	E/A-Modul 3: current input E0 voltage below required value on both support operating units "E." is flashing on the display for support force front right check input signal on the E/A-Modul or sensor	A13.X2:17		E	1
373080	E/A-Modul 3: current input E0 short circuit to ground, open line, voltage sensor erroneous on both support operating units "E." is flashing on the display for support force front right check input signal on the E/A-Modul or sensor	A13.X2:17		E	1
373117	E/A-Modul 3: current input E1 voltage below required value on both support operating units "E." is flashing on the display for support force rear right check input signal on the E/A-Modul or sensor	A13.X2:15		E	1
373180	E/A-Modul 3: current input E1 short circuit to ground, open line, voltage sensor erroneous on both support operating units "E." is flashing on the display for support force rear right check input signal on the E/A-Modul or sensor	A13.X2:15		E	1
373217	E/A-Modul 3: current input E2 voltage below required value both outer LEDs for transversal inclination on both support operating units are flashing check input signal on the E/A-Modul or sensor	A13.X2:13		E	1
373280	E/A-Modul 3: current input E2 short circuit to ground, open line, voltage sensor erroneous both outer LEDs for transversal inclination on both support operating units are flashing check input signal on the E/A-Modul or sensor	A13.X2:13		E	1
373317	E/A-Modul 3: current input E3 voltage below required value both outer LEDs for longitudinal inclination are flashing on both support units check input signal on the E/A-Modul or sensor	A13.X2:11		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
373380	E/A-Modul 3: current input E3 short circuit to ground, open line, voltage sensor erroneous both outer LEDs for longitudinal inclination are flashing on both support units check input signal on the E/A-Modul or sensor	A13.X2:11		E	1
373782	E/A-Modul 3: voltage input E7 short circuit to ground, open line, constant current 10 mA incorrect symbol for diesel tank is flashing on the display unit, as are 3 question marks on monitor in uppercarriage check input signal on the E/A-Modul or sensor	A13.X2:3		E	1
373783	E/A-Modul 3: voltage input E7 short circuit to supply voltage, open line, lack of voltage symbol for diesel tank is flashing on the display unit, as are 3 question marks on monitor in uppercarriage check input signal on the E/A-Modul or sensor	A13.X2:3		E	1
379052	E/A-Modul 3: output A0 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:18		E	1
379053	E/A-Modul 3: output A0 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:18		E	1
379054	E/A-Modul 3: output A0 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:18		E	1
379055	E/A-Modul 3: output A0 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:18		E	1
379152	E/A-Modul 3: output A1 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:16		E	1
379153	E/A-Modul 3: output A1 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:16		E	1
379154	E/A-Modul 3: output A1 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
379155	E/A-Modul 3: output A1 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:16		E	1
379250	E/A-Modul 3: bridge output A2 short circuit to ground, junction not supplied error report on display check output for short, check current supply of load, if necessary replace E/A-Modul	A13.X3:14		E	1
379251	E/A-Modul 3: bridge output A2 short circuit to supply voltage, excessive temperature error report on display check output for short, check output load (measure load current), if necessary replace E/A-Modul	A13.X3:14		E	1
379252	E/A-Modul 3: bridge output A2 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:14		E	1
379253	E/A-Modul 3: bridge output A2 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:14		E	1
379254	E/A-Modul 3: bridge output A2 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:14		E	1
379255	E/A-Modul 3: bridge output A2 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:14		E	1
379350	E/A-Modul 3: bridge output A3 short circuit to ground, junction not supplied error report on display check output for short, check current supply of load, if necessary replace E/A-Modul	A13.X3:12		E	1
379351	E/A-Modul 3: bridge output A3 short circuit to supply voltage, excessive temperature error report on display check output for short, check output load (measure load current), if necessary replace E/A-Modul	A13.X3:12		E	1
379352	E/A-Modul 3: bridge output A3 output open, to low load, short circuit to supply voltage error report on display check output for broken wire, check load on output (measure load current), if necessary replace E/A-Modul	A13.X3:12		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
379353	E/A-Modul 3: bridge output A3 transistor current supply insufficient or missing error report on display check current supply and fuse E/A-Modul, if necessary replace E/A-Modul	A13.X3:12		E	1
379354	E/A-Modul 3: bridge output A3 short circuit to supply voltage error report on display check output for short, if necessary replace E/A-Modul	A13.X3:12		E	1
379355	E/A-Modul 3: bridge output A3 excessive temperature, short circuit to ground or overload error report on display check output for short, current supply, check fuse of E/A-Modul, if necessary replace E/A-Modul	A13.X3:12		E	1
383501	E/A-Modul 3: SPI-support unit right Faulty data transfer E/A-module<>unit (time exceeded) error indication on display system re-starts SPI-driver and eliminates error independently, with repeated occurrence replace E/A-Modul	A13.X4:1/2/3/5/ 6/7/8		E	1
383502	E/A-Modul 3: SPI-support unit right Serious system error to SPI-connection (interface) error indication on display system re-starts SPI-driver and eliminates error independently, with repeated occurrence replace E/A-Modul	A13.X4:1/2/3/5/ 6/7/8		E	1
383503	E/A-Modul 3: SPI-support unit right break in line or short circuit to supply voltage error indication on display remedy short circuit, check periphery and replace if necessary, check E/A-Modul and replace if necessary	A13.X4:1/2/3/5/ 6/7/8		E	1
383504	E/A-Modul 3: SPI-support unit right break in line or short circuit to ground error indication on display remedy short circuit, check periphery and replace if necessary, check E/A-Modul and replace if necessary	A13.X4:1/2/3/5/ 6/7/8		E	1
383506	E/A-Modul 3: SPI-support unit right Data transfer faulty (faulty check byte) error indication on display suppress EMV- interference	A13.X4:1/2/3/5/ 6/7/8		E	1
383507	E/A-Modul 3: SPI-support unit right Unit faulty/missing, incorrect unit inserted (ID) error indication on display check periphery and replace if necessary, check Software version, check EMV- interference	A13.X4:1/2/3/5/ 6/7/8		E	1
383508	E/A-Modul 3: SPI-support unit right Data transfer faulty (incorrect number of data bytes received) error indication on display system re-starts SPI-driver and eliminates error independently, with repeated occurrence replace E/A-Modul	A13.X4:1/2/3/5/ 6/7/8		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
383900	E/A-Modul 3: Control operating unit (SPI) Faulty initialisation data connection E/A-module<>unit error indication on display system re-starts SPI-driver and eliminates error independently, with repeated occurrence replace E/A-Modul	A13.X4:1/2/3/5/6/7/8		E	1
383902	E/A-Modul 3: Control operating unit (SPI) Serious system error to SPI-connection (interface) error indication on display system re-starts SPI-driver and eliminates error independently, with repeated occurrence replace E/A-Modul	A13.X4:1/2/3/5/6/7/8		E	1
383905	E/A-Modul 3: Control operating unit (SPI) Initialisation error, resetting inputs/outputs faulty error indication on display check wiring, check periphery and replace if necessary, check E/A-Modul and replace if necessary	A13.X4:1/2/3/5/6/7/8		E	1
383907	E/A-Modul 3: Control operating unit (SPI) Unit faulty/missing, incorrect unit inserted (ID) error indication on display connect functional periphery unit, system then eliminates error independently	A13.X4:1/2/3/5/6/7/8		E	1
383908	E/A-Modul 3: Control operating unit (SPI) Data transfer faulty (incorrect number of data bytes received) error indication on display system re-starts SPI-driver and eliminates error independently, with repeated occurrence replace E/A-Modul	A13.X4:1/2/3/5/6/7/8		E	1
384050	E/A-Modul 3: LSB-B participant address 0 reports an incorrect sensor type Check Bus configuration in LSB test system, remove faulty / incorrect users from Bus	A13.X3:4/6		E	1
387252	E/A-Modul 3: Control data transfer LSB-B has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A13.X3:4/6		E	0
387255	E/A-Modul 3: Control data transfer LSB-B Bus connection faulty/defect, short circuit to supply voltage entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A13.X3:4/6		E	2
387256	E/A-Modul 3: Control data transfer LSB-B Bus connection faulty/defect, no supply/short circuit to earth entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A13.X3:4/6		E	2
387257	E/A-Modul 3: Control data transfer LSB-B has recognised network re-set (data transfer starts again) entry in error memory, driver re-starts and runs re-booting of network check bus lines, withdraw sensors successively from bus until malfunction source recognised, replace defective part	A13.X3:4/6		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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: initialising 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
392830	E/A-Modul 3: control supports location coding for right support unit erroneous (set value = 0) support functions are blocked check line connection to E/A-Modul, check ground connection from signal, replace E/A-Modul	A13		E	2
392832	E/A-Modul 3: control supports right support unit key sticking or activated after switching on right support blocked check/unplug/replace support operating unit release activated key	A13		E	1
394190	E/A-Modul 3: LSB-bus participant ZE missing communication with participant not possible, after re-starting of bus communication error will be reset check LSB-network, check participant	A13		E	1
394194	E/A-Modul 3: LSB-bus participant E/A-Modul 4 missing communication with participant not possible, after re-starting of bus communication error will be reset check LSB-network, check participant	A13		E	1
394196	E/A-Modul 3: LSB-bus participant E/A-Modul 6 missing communication with participant not possible, after re-starting of bus communication error will be reset check LSB-network, check participant	A13		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
396408	E/A-Modul 3: operation supports unauthorised operation from upper-carriage function is not carried out check coding of E/A-Modul 3 and E/A-Modul 4 (see electric circuit diagram)	A13		B	
396409	E/A-Modul 3: operation supports unauthorised operation from under-carriage function is not carried out check coding of E/A-Modul 3 and E/A-Modul 4 (see electric circuit diagram)	A13		B	
396440	E/A-Modul 3: operation supports simultaneous UP and DOWN operation of support control unit function is not carried out actuate UP key or DOWN key of the respective support operating unit, start test program support service unit	A13		B	
396441	E/A-Modul 3: operation supports simultaneous IN and OUT operation of support control unit function is not carried out actuate OFF key or ON key of the respective support operating unit, start test program support operating unit	A13		B	
396442	E/A-Modul 3: operation supports simultaneous UP and DOWN operation on upper-carriage monitor function is not carried out actuate UP key or DOWN key of the respective support operating unit, start test program support service unit	A13		B	
396443	E/A-Modul 3: operation supports simultaneous IN and OUT operation on upper-carriage monitor function is not carried out actuate OFF key or ON key of the respective support operating unit, start test program support operating unit	A13		B	
396444	E/A-Modul 3: operation supports simultaneous left and right operation of support control unit function is not carried out actuate support from only one operating position, start test program support operating unit	A13		B	
396445	E/A-Modul 3: operation supports simultaneous operation of support control unit and upper-carriage function is not carried out actuate support from only one operating position, start test program support operating unit	A13		B	
396446	E/A-Modul 3: operation supports simultaneous operation of support control unit and upper-carriage function is not carried out actuate support from only one operating position, start test program support operating unit	A13		B	
396447	E/A-Modul 3: operation supports operation of support control unit with travel direction D engaged function is not carried out switch transmission to neutral (N)	A13		B	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
396448	E/A-Modul 3: operation supports operation of support control unit with travel direction R engaged function is not carried out switch transmission to neutral (N)	A13		B	
396449	E/A-Modul 3: operation supports op. of upper-carriage monitor with travel direction D engaged function is not carried out switch transmission to neutral (N)	A13		B	
396450	E/A-Modul 3: operation supports operation of upper-carriage-monitor R function is not carried out switch transmission to neutral (N)	A13		B	
396451	E/A-Modul 3: operation supports unauthorised activation of right support control unit key right support blocked release activated key after having authorized function through hand- key	A13		B	
399890	E/A-Modul 3: operation diagnosis system test program not executable as engine is not OFF function is not carried out shut down engine	A13		B	
399892	E/A-Modul 3: operation diagnosis system test program not executable as not in under-carriage op. mode function is not carried out switch over uppercarriage/undercarriage-change-switch to undercarriage operation mode	A13		B	
400001	ZE 4: system error OS-HC11 (observe parameters) initialising error processor-register erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A424		E	2
400002	ZE 4: system error OS-HC11 (observe parameters) initialising error test total in EPROM/FLASH erroneous no crane operation possible check program memory card or ZE	A424		E	2
400006	ZE 4: system error OS-HC11 (observe parameters) initialising error RAM erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A424		E	2
400007	ZE 4: system error OS-HC11 (observe parameters) UART erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A424		E	2

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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: initialising 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 (Sxxxxxxx.yyQ - KNFttt00vvrr.Q)	A424		E	1
430612	ZE 4: Data recorder Start: not connected Data recorder software stops - no documentation possible! Connect data logger correctly	A424		E	1
430620	ZE 4: Data recorder Init: Firmware version incorrect/faulty Has not yet been checked!	A424		E	1
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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 "Lnnttt01vvrr.Q" in EPROM 0	A424		E	1
430630	ZE 4: Data recorder Transfer: Data transmission faulty Repeat of data transfers in 1 sec. cycles If necessary check connection from LICCON system to data recorder	A424		E	1
430631	ZE 4: Data recorder Transfer: CSM-protocol error Respective telegram is repeated max. 3x, then synchronise completely anew If necessary check connection from LICCON system to data recorder	A424		E	1
430632	ZE 4: Data recorder Transfer: Transmission error (CRC) Respective telegram is repeated max. 3x, then synchronise completely anew If necessary check connection from LICCON system to data recorder	A424		E	1
430633	ZE 4: Data recorder Transfer: STATUS-error Dependent upon STATUS in 1 sec. cycles synchronise anew or stop data recorder software If necessary check connection from LICCON system to data recorder	A424		E	1
430634	ZE 4: Data recorder Transfer: TAN-error Synchronise CSM protocol again completely If necessary check connection from LICCON system to data recorder	A424		E	1
430635	ZE 4: Data recorder Transfer: Writing error Synchronise CSM protocol again completely If necessary check connection from LICCON-System to data recorder and ATA card	A424		E	1
430636	ZE 4: Data recorder Transfer: No recorder data (SPS-Handshake) LICCON-data logger software tries again in 1 sec. cycle Check function of SPS software	A424		E	1
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
432402	ZE 4: control winch 5 hydraulic circuit pressure sensor defective/missing if valid winch torque for LMB is available this will be used, otherwise 0 bar is loaded into pressure value memory Observe system error for faulty or missing sensor.	A424		E	1
432403	ZE 4: control winch 5 Winch turn sensor, internal non-tolerable continuous error (P0=04H) Operation conditional switch off, may not be shunted in the LSB- sensor view of the test system: take over default values, otherwise replace sensor	A424		E	
432404	ZE 4: control winch 5 Winch turn sensor, internal non-tolerable continuous error (P0=08H/40H Operation conditional switch off, may not be shunted replace sensor through new part	A424		E	
432405	ZE 4: control winch 5 Winch turn sensor, internal non-tolerable continuous error (P0=10H) Operation conditional switch off, may not be shunted Reload data on external EEPROM, otherwise replace external EEPROM	A424		E	
432406	ZE 4: control winch 5 Winch turn sensor, internal non-tolerable continuous error (P0=20H) Operation conditional switch off, may not be shunted Reload data on internal EEPROM, otherwise replace sensor	A424		E	
432407	ZE 4: control winch 5 Winch turn sensor, internal, non-tolerable partial error Operation conditional switch off, may not be shunted replace sensor through new part	A424		E	
432408	ZE 4: control winch 5 Winch turn sensor, tolerable error(P0=01H), sensor not exact Output of error (resolution of sensor is bad) Replace sensor in the meantime	A424		E	
432409	ZE 4: control winch 5 Winch turn sensor, tolerable error(P0=02H), replace external EEPROM Output of error Replace sensor in the meantime	A424		E	
432410	ZE 4: control winch 5 Winch turn sensor, tolerable error (P0=04H) button pressed constantly Output of error, adjusting with button does not work Check button, replace sensor in the meantime, if necessary	A424		E	
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	

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
432504	ZE 4: control winch 6 Winch turn sensor, internal non-tolerable continuous error (P0=08H/40H Operation conditional switch off, may not be shunted replace sensor through new part	A424		E	
432505	ZE 4: control winch 6 Winch turn sensor, internal non-tolerable continuous error (P0=10H) Operation conditional switch off, may not be shunted Reload data on external EEPROM, otherwise replace external EEPROM	A424		E	
432506	ZE 4: control winch 6 Winch turn sensor, internal non-tolerable continuous error (P0=20H) Operation conditional switch off, may not be shunted Reload data on internal EEPROM, otherwise replace sensor	A424		E	
432507	ZE 4: control winch 6 Winch turn sensor, internal, non-tolerable partial error Operation conditional switch off, may not be shunted replace sensor through new part	A424		E	
432508	ZE 4: control winch 6 Winch turn sensor, tolerable error(P0=01H), sensor not exact Output of error (resolution of sensor is bad) Replace sensor in the meantime	A424		E	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
432514	ZE 4: control winch 6 Winch turn sensor, tolerable error(P0=40H) Output of error Replace sensor in the meantime	A424		E	
432515	ZE 4: control winch 6 tolerable error, maximum theoretical load collective reached Output of error Check winch	A424		E	
432517	ZE 4: control winch 6 Brake pressure exists and brake is not actuated output of error Check: - Outlet LICCON, -Line for short circuit after supply voltage, hydraulic control hoist gear brake	A424		E	1
432518	ZE 4: control winch 6 Pressure too high when pump is not actuated Output of error Check pump or pressure sensor	A424		E	
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
435401	ZE 4: operation winch 5 feed pressure supply missing/too low Operation conditional switch off, may not be shunted Reestablish charge pressure supply - shut-down may not be shunted	A424		B	
435403	ZE 4: operation winch 5 Shut-down jib lower Operation conditional switch off, may not be shunted Luff up jib until limit switch no longer activated - shut-down may not be shunted	A424		B	
435404	ZE 4: operation winch 5 unreeled winch shut-down Operation conditional switch off, may not be shunted reel in winch until the "winch reeled out" switch is no longer actuated - shut-down cannot be shunted	A424		B	
435405	ZE 4: operation winch 5 reeled winch shut-down Operation conditional switch off, may not be shunted Wind off winch until switch "Winch wound on" is no longer activated - shut-down may not be shunted	A424		B	
435406	ZE 4: operation winch 5 upper angle limit OGW shut-down operational shut down reel winch out until the radius is within the load chart again - shut-down can be shunted (danger)	A424		B	

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

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
435452	ZE 4: operation winch 5 end of stroke switch shut-down 3 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A424		B	
43545A	ZE 4: operation winch 5 Shut off Hoist limit switch 3 / 4 operational shut down control winch in opposite direction until end stroke switch no longer active - shut-down can be shunted (danger)	A424		B	
435462	ZE 4: operation winch 5 Emerg. shut-off winch-winch rotational sensor interrupts brake control Emergency shut-down - raising / lowering winch only possible in emergency operation Check why "Winch wound out" shut-off did not function, lifting/lowering only possible with emergency operation (danger)	A424		B	
435463	ZE 4: operation winch 5 Crane engine in overspeed Operation conditional switch off, may not be shunted Check engine RPM shut off cannot be bypassed	A424		B	
435464	ZE 4: operation winch 5 Release pressure of brake fallen below Operation conditional switch off, may not be shunted Check release pressure of brake - shut off not bridgeable	A424		B	
435465	ZE 4: operation winch 5 Assembly switch is not turned on operational shut down Spool up - out winch 5 is only permitted with switched on installation switch .	A424		B	
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	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	
43548B	ZE 4: operation winch 5 Shut off Hoist limit switch 3 / 4 erroneous operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A424		B	
435501	ZE 4: operation winch 6 feed pressure supply missing/too low Operation conditional switch off, may not be shunted Reestablish charge pressure supply - shut-down may not be shunted	A424		B	
435504	ZE 4: operation winch 6 unreeled winch shut-down Operation conditional switch off, may not be shunted reel in winch until the "winch reeled out" switch is no longer actuated - shut-down cannot be shunted	A424		B	
435505	ZE 4: operation winch 6 reeled winch shut-down Operation conditional switch off, may not be shunted reel out winch until the "winch reeled in" switch is no longer actuated -shut-down cannot be shunted	A424		B	
435519	ZE 4: operation winch 6 no or invalid operation mode shut-down Operation conditional switch off, may not be shunted enter correct operation mode or dismantle accessory parts - shut-down cannot be shunted	A424		B	

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
435581	ZE 4: operation winch 6 end of stroke switch 1 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A424		B	
435582	ZE 4: operation winch 6 end of stroke switch 2 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A424		B	
435583	ZE 4: operation winch 6 end of stroke switch 3 shut-down defective operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A424		B	
43558B	ZE 4: operation winch 6 Shut off Hoist limit switch 3 / 4 erroneous operational shut down Error remedying see corresponding system error - shut-down may be shunted (danger)	A424		B	
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 reactived	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 reactived	A424		B	2
43694A	ZE 4: Operation crane control Selection bypass LMB - not permissible for this utilization	A424		B	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
43695B	ZE 4: Operation crane control Selection bypass hoist top not possible - no shut off	A424		B	2
43695C	ZE 4: Operation crane control Selection this bypass not possible - sensor defect	A424		B	2
43695F	ZE 4: Operation crane control Selection bypass not possible - crane engine still running	A424		B	2
436960	ZE 4: Operation crane control Selection bypass not possible - seat contact not actuated	A424		B	2
436962	ZE 4: Operation crane control Selection bypass not possible - zero pos. force required	A424		B	2
461001	E/A-Modul 4: system error OS-C167 initialising error processor-register erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A14		E	2
461002	E/A-Modul 4: system error OS-C167 initialising error test total in EPROM/FLASH erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A14		E	2
461006	E/A-Modul 4: system error OS-C167 initialising error RAM erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A14		E	2

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

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

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

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

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

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

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

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

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
496449	E/A-Modul 4: operation supports op. of upper-carriage monitor with travel direction D engaged function is not carried out switch transmission to neutral (N)	A14		B	
496450	E/A-Modul 4: operation supports operation of upper-carriage-monitor R function is not carried out switch transmission to neutral (N)	A14		B	
496452	E/A-Modul 4: operation supports unauthorised activation of left support control unit key left support blocked release activated key after having authorized function through hand- key	A14		B	
499890	E/A-Modul 4: operation diagnosis system test program not executable as engine is not OFF function is not carried out shut down engine	A14		B	
499892	E/A-Modul 4: operation diagnosis system test program not executable as not in under-carriage op. mode function is not carried out switch over uppercarriage/undercarriage-change-switch to undercarriage operation mode	A14		B	
500001	ZE 5: system error OS-HC11 (observe parameters) initialising error processor-register erroneous no crane operation possible check program memory card or ZE	A425		E	2
500002	ZE 5: system error OS-HC11 (observe parameters) initialising error test total in EPROM/FLASH erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A425		E	2
500006	ZE 5: system error OS-HC11 (observe parameters) initialising error RAM erroneous no crane operation possible if error re-occurs, then ZE should be replaced	A425		E	2
500007	ZE 5: system error OS-HC11 (observe parameters) UART erroneous entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500010	ZE 5: system error OS-HC11 (observe parameters) system routine inaccessible entry in error memory, all crane movements will be stopped check ZE	A425		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
500011	ZE 5: system error OS-HC11 (observe parameters) ZE-watchdog expired entry in error memory, no crane operation possible check program memory card	A425		E	2
500012	ZE 5: system error OS-HC11 (observe parameters) type-identification in EPROM erroneous entry in error memory, all crane movements will be stopped check program memory card	A425		E	2
500013	ZE 5: system error OS-HC11 (observe parameters) Test sum in FLASH erroneous entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500014	ZE 5: system error OS-HC11 (observe parameters) program already running entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500015	ZE 5: system error OS-HC11 (observe parameters) program not available entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500016	ZE 5: system error OS-HC11 (observe parameters) system-, driver-watchdog expired entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500017	ZE 5: system error OS-HC11 (observe parameters) total of CPU-time distribution too great entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500018	ZE 5: system error OS-HC11 (observe parameters) arithmetic overflow (16 Bit) entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500019	ZE 5: system error OS-HC11 (observe parameters) division through zero (16 Bit) entry in error memory, all crane movements will be stopped 0.0	A425		E	2
500020	ZE 5: system error OS-HC11 (observe parameters) task-watchdog expired entry in error memory, all crane movements will be stopped if error re-occurs, then ZE should be replaced	A425		E	2

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

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

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

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
510058	ZE 5: output 0 positive switching transistor: disruption	A425.X1:16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
510114	ZE 5: output 1 short circuit to supply voltage	A425.X1:17		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
510212	ZE 5: output 2 short circuit to ground	A425.X1:18		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
510313	ZE 5: output 3 open signal circuits	A425.X1:19		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
510414	ZE 5: output 4 short circuit to supply voltage	A425.X1:20		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
510512	ZE 5: output 5 short circuit to ground	A425.X1:21		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
510572	ZE 5: output 5 outside source feeding	A425.X1:21		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
510670	ZE 5: output 6 measuring system defect no crane operation possible entry in error list	A425.X1:22		E	1

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
515359	ZE 5: output group 3 supply voltage missing	A425		E	1

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

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
520604	ZE 5: LSB participant address 6 level exceeded report of error, otherwise no reaction Check sensor installation and pre-damping of sensor, clean contamination from sensor, replace sensor if faulty.	A425.X2:z14/z16		E	1
520605	ZE 5: LSB participant address 6 below minimum level report of error, otherwise no reaction check sensor installation, eliminate clogging or damage to sensor, if defect replace sensor	A425.X2:z14/z16		E	1
520618	ZE 5: LSB participant address 6 excess temperature report of error, otherwise no reaction operate sensor in permitted temperature range, check sensor heat supply and carry off	A425.X2:z14/z16		E	0
520650	ZE 5: LSB participant address 6 reports an incorrect sensor type entry in error memory, otherwise no reaction, the answer will be interpreted according to the set type characteristics check address assignment over test system (LSB-screen), install correct sensor	A425.X2:z14/z16		E	2
520651	ZE 5: LSB participant address 6 was not configured for the block transfer entry in error memory, otherwise no reaction, no block transfer will be carried out configuration problem, load new Software	A425.X2:z14/z16		E	2
520653	ZE 5: LSB participant address 6 no longer reports or withdrawn during running period entry in error memory, participant will be deactivated, data buffer to the application will be set to 0 check connection, if connection OK then replace sensor	A425.X2:z14/z16		E	1
520654	ZE 5: LSB participant address 6 Features other settings (parameters) as pre-entered set values entry in error memory, or no reaction, the sensor data could be incorrect, due to incorrect sensor config check parameter set/real value through test system (LSB-screen), set sensor to default value	A425.X2:z14/z16		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
520664	ZE 5: LSB participant address 6 reports tolerable error in self-test entry in error memory, otherwise no reaction; note only: sensor still functions correctly check sensor, then clean, with regular occurrence replace sensor	A425.X2:z14/z16		E	1
520665	ZE 5: LSB participant address 6 reports intolerable error in self-test entry in error memory, otherwise no reaction, the error free operation is no longer guaranteed replace sensor immediately	A425.X2:z14/z16		E	2
520666	ZE 5: LSB participant address 6 with software version, that is no longer compatible entry in error memory, otherwise no reaction, it will be tried as far as possible to work with the sensor replace sensor through new part	A425.X2:z14/z16		E	2
520667	ZE 5: LSB participant address 6 supports no download function entry in error memory, otherwise no reaction, no download can be carried out no download to be carried out	A425.X2:z14/z16		E	1
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
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

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

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

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

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

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
523261	ZE 5: Control data transfer LSB driver error: undefined message appears entry in error memory, driver re-starts and runs re-booting of network with temporary malf. error will be eliminated by system itself otherwise new Software necessary for error elimination	A425.X2:z14/z16		E	2
523262	ZE 5: Control data transfer LSB driver error: initialising error entry in error memory, driver re-starts and runs re-booting of network new Software is necessary for error elimination	A425.X2:z14/z16		E	2
533100	ZE 5: Control ballasting / counterweight carriage Limit switch "BW bolted" faulty / not present - Shut-down BW active Control op. type with counterweight carriage is switched over to - req.s for operation with BW must be met. Error remedy see corresponding system error.	A425		E	
533101	ZE 5: Control ballasting / counterweight carriage Invalid assembly condition - BW inserted and FB inserted Shut-down due to unclear recognition of assembly condition. Check of cabling - short-circuit following earthing or line interruption, checking of inputs.	A425		E	
533102	ZE 5: Control ballasting / counterweight carriage Invalid assembly condition - BW bolted and FB inserted Shut-down due to unclear recognition of assembly condition. Checking of cabling - short-circuit following earthing or line interruption or check position of bolting cylinder BW	A425		E	
533103	ZE 5: Control ballasting / counterweight carriage Invalid assembly condition - BW inserted and bolted and FB inserted Shut-down due to unclear recognition of assembly condition. Checking of cabling - short-circuit following earthing or line interruption or check position of bolting cylinder BW	A425		E	
533104	ZE 5: Control ballasting / counterweight carriage Invalid assembly condition - B inserted and FB not inserted Shut-down due to unclear recognition of assembly condition. Check of cabling - short-circuit following supply voltage or earthing or line interruption.	A425		E	
533105	ZE 5: Control ballasting / counterweight carriage Invalid assembly condition - BW inserted and B inserted Shut-down due to unclear recognition of assembly condition. Check of cabling - short-circuit following supply voltage or earthing or line interruption.	A425		E	
533106	ZE 5: Control ballasting / counterweight carriage Invalid assembly condition - BW bolted and B inserted Shut-down due to unclear recognition of assembly condition. Checking of cabling - short-circuit following earthing or line interruption or check position of bolting cylinder BW	A425		E	
533107	ZE 5: Control ballasting / counterweight carriage Invalid assembly condition - BW inserted and bolted and B inserted Shut-down due to unclear recognition of assembly condition. Checking of cabling - short-circuit following earthing or line interruption or check position of bolting cylinder BW	A425		E	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	
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, 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	A425		B	
536103	ZE 5: Operation ballasting / counterweight carriage Shut-down support counterweight carriage is not retracted Operation conditional shut-down, may not be shunted. Retract support cylinder counterweight carriage completely.	A425		B	
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	

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
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	
536145	ZE 5: Operation ballasting / counterweight carriage Shut off Ballast "Up / down" due to running winch 4 Operation conditional switch off, may not be shunted Press button Ballast "Up / down" only if winch 4 is not actuated	A425		B	
536146	ZE 5: Operation ballasting / counterweight carriage Shut off Ballast "Up / down" due to actuated brake pump Operation conditional switch off, may not be shunted Press button Ballast "Up / down" only if no brake pump is actuated and crane engine is not in overspeed	A425		B	
536149	ZE 5: Operation ballasting / counterweight carriage Shut off pressure difference ballast cylinder A/B too large operational shut down Press "A-Stop" key or "B-Stop" key to move only one ballast cylinder to equalize forces in side A/B	A425		B	
536154	ZE 5: Operation ballasting / counterweight carriage Shut-down overtopping guard cylinder main boom in bump stop Operation conditional switch off, may not be shunted Wind off main boom - adjusting winch until overtopping guard cylinder no longer in bump stop	A425		B	
536155	ZE 5: Operation ballasting / counterweight carriage Shut-down overtopping guard cylinder derrick boom in bump stop Operation conditional switch off, may not be shunted Wind off derrick boom - adjusting winch until overtopping guard cylinder no longer in bump stop	A425		B	
536158	ZE 5: Operation ballasting / counterweight carriage Shut-down guide frame - counterweight bump stop upper Operation conditional switch off, may not be shunted If possible, extend with ballast cylinder, spool up winch 4 or retract support BW move from block position	A425		B	

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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	
536942	ZE 5: Operation crane control Emergency op. crane cont. switched on with start test-safety chain report of error, otherwise no reaction Switch off emergency operation, restart LICCON, test safety chain will then be carried out	A425		E	1
536943	ZE 5: Operation crane control Emergency op. crane control switched on during test-safety chain report of error, otherwise no reaction Switch off emergency operation, restart LICCON, test safety chain will then be carried out	A425		E	1
587252	E/A-Modul 5: Control data transfer LSB-B has recognised Bus collisions, communication interrupted entry in error memory, driver draws itself back from bus, possible release of reset and re-booting of network with temporary malfunctions error will be eliminated from system itself, otherwise check address assignment of sensor	A15.X3:4/6		E	0
587255	E/A-Modul 5: Control data transfer LSB-B Bus connection faulty/defect, short circuit to supply voltage entry in error memory, driver tries permanently to re-boot bus, bus boots as soon as error is eliminated check bus line, sensor (withdraw) and bus circuit board for shorts, check bus fuse on bus circuit board	A15.X3:4/6		E	2
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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: initialising error entry in error memory, driver re-starts and runs re-booting of network new Software is necessary for error elimination	A15.X3:4/6		E	2
661001	E/A-Modul 6: system error OS-C167 initialising error processor-register erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A16		E	2
661002	E/A-Modul 6: system error OS-C167 initialising error test total in EPROM/FLASH erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A16		E	2
661006	E/A-Modul 6: system error OS-C167 initialising error RAM erroneous error indication on display ignition ON/OFF, with repeated occurrence --> replace E/A-Modul	A16		E	2
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

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

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

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

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

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

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

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

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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: initialising error entry in error memory, driver re-starts and runs re-booting of network new Software is necessary for error elimination	A16.X3:4/6		E	2
687530	E/A-Modul 6: CAN-participant engine Data transfer subscriber transfer cycle exceeded CAN-Information from participant has exceeded the defined cycle time check bus lines/neutral point, check defective bus participant	A16.X5:5/6		E	0
687531	E/A-Modul 6: CAN-participant engine Data transfer faulty/missing, max. cycle time exceeded parameterised substitute values for receiver signals will be used check bus lines/neutral point, check defective bus participant	A16.X5:5/6		E	1
689030	E/A-Modul 6: CAN-participant E/A-Modul 6 Data transfer subscriber transfer cycle exceeded CAN-Transmission will be aborted check bus lines/neutral point, replace neutral point or E/A-Modul	A16.X5:5/6		E	0
689031	E/A-Modul 6: CAN-participant E/A-Modul 6 Data transfer faulty/missing, max. cycle time exceeded CAN-Information from participant has exceeded the defined cycle time check bus lines/neutral point, check defective bus participant	A16.X5:5/6		E	1
689900	E/A-Modul 6: Control data transfer CAN internal error at Register-check Controller internal error, CAN-transmission will be aborted replace E/A-Modul	A16.X5:5/6		E	2
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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
6920D2	E/A-Modul 6: control engine Emerg. off active from radio remote control Shut off of releases (Shut off diagram), and control by radio remote control Possibly emerg. off actuated or no radio conn. present	A16		E	1
694190	E/A-Modul 6: LSB-bus participant ZE missing communication with participant not possible, after re-starting of bus communication error will be reset check LSB-network, check participant	A16		E	1
701000	Power supply unit: Memory card faulty, transmission error, addressing error Shut-down Replace slide-in card			E	2
702100	Power supply unit: RAM-memory faulty, transmission error, addressing error Shut-down Replace slide-in card, check connections ZE/bus motherboard/power supply unit			E	2
702101	Power supply unit: RAM-memory faulty, transmission error, addressing error Shut-down Replace slide-in card, check connections ZE/bus motherboard/power supply unit			E	2
702200	Power supply unit: FLASH- memory faulty, transmission error, addressing error Shut-down Replace slide-in card, check connections ZE/bus motherboard/power supply unit			E	2
702300	Power supply unit: EEPROM- memory faulty, transmission error, addressing error Shut-down Replace slide-in card, check connections ZE/bus motherboard/power supply unit			E	2
702400	Power supply unit: Globalbus-/QW-transmission faulty, transmission error, addressing error Shut-down Replace slide-in card, check connections ZE/bus motherboard/power supply unit			E	2
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
703001	Power supply unit: FPGA faulty, transmission error, addressing error Shut-down Replace slide-in card, check connections ZE/bus motherboard/power supply unit			E	2
709002	Power supply unit: internal error Checksum (CRC) incorrect Shut-down Replace power supply unit			E	2
709003	Power supply unit: internal error ADC-conversion faulty, processor error, time exceeded Shut-down Replace power supply unit			E	2
709004	Power supply unit: internal error faulty/incorrect slide-in card Shut-down Replace slide-in card			E	2
709010	Power supply unit: internal error Signal to Done-Pin incorrect (0) Shut-down Check ZE/bus motherboard/power supply unit			E	2
709011	Power supply unit: internal error Signal to Done-Pin incorrect (1) Shut-down Check ZE/bus motherboard/power supply unit			E	2
709013	Power supply unit: internal error Register fault FPGA Shut-down Check ZE/bus motherboard/power supply unit			E	2
709020	Power supply unit: internal error SCI transmission error, time exceeded (overrun) Shut-down Replace power supply unit			E	2
709030	Power supply unit: internal error LCA-design time exceeded (ZE 0 faulty/missing) Shut-down Check ZE/bus motherboard/power supply unit			E	2
709040	Power supply unit: internal error PIC time exceeded Shut-down Replace power supply unit			E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
709050	Power supply unit: internal error Bus controller addressing/time exceeded/data transmission (P1) Shut-down Replace power supply unit			E	2
709060	Power supply unit: internal error Signal error "Control on" different 0, relay contact sticking Shut-down Check plug/connections/relay			E	2
709080	Power supply unit: internal error Initialising error excess/lack of voltage Shut-down Check voltage supply, replace power supply unit			E	2
709081	Power supply unit: internal error Lack of voltage (P0 = channel, P1 = value) Shut-down Check voltage supply, replace power supply unit			E	2
709082	Power supply unit: internal error Excess voltage (P0 = channel, P1 = value) Shut-down Check voltage supply, replace power supply unit			E	2
709099	Power supply unit: internal error Power supply unit off, power supply unit shut-down (note parameter) Shut-down Replace power supply unit			E	2
843600	heating, air cond.: WEBASTO THERMO 90 S OW steering device error no reaction check fuses, check battery terminals, replace control device	A330		E	1
843601	heating, air cond.: WEBASTO THERMO 90 S OW 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.: WEBASTO THERMO 90 S OW 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.: WEBASTO THERMO 90 S OW lack of voltage/excess voltage Error message, function of auxiliary heater is problematic check battery, check electrical connections	A330.X8:12		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
843604	heating, air cond.: WEBASTO THERMO 90 S OW premature glow identification Error message, function of auxiliary heater is problematic replace flame detector	A330		E	1
843605	heating, air cond.: WEBASTO THERMO 90 S OW glow probe 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.: WEBASTO THERMO 90 S OW temperature probe interruption/short circuit 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.: WEBASTO THERMO 90 S OW metering pump/solenoid valve interruption/short circuit Error message, function of auxiliary heater is problematic check coolant level, bleed coolant circuit, reset temperature limitation, examine cabling	A330.X3:1		E	1
843608	heating, air cond.: WEBASTO THERMO 90 S OW 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.: WEBASTO THERMO 90 S OW glow pin interruption/short circuit 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.: WEBASTO THERMO 90 S OW 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.: WEBASTO THERMO 90 S OW water pump interruption/short circuit 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.: WEBASTO THERMO 90 S OW set value sensor interruption/short circuit Error message, function of auxiliary heater is problematic check cabling for damage, search for break and short, replace set value transmitter	A330		E	1
890100	Engine uppercarr. Control Travel pedal actuated at selected / active engine brake No acceptance of gases at active engine brake Deactivation of engine brake	A750.X2:34/.X2:48		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
890101	Engine uppercarr. Control Travel pedal actuated at support / superstructure operation No acceptance of gases at active support operation Deactivation of support operation	A750.X2:34/.X2:48		E	1
890102	Engine uppercarr. Control Function "bleeding fuel supply" activated (gas pedal) Breather function of fuel pump and lines to engine on active Engine RPM > 800 1/min or turn ignition off / on	A750.X2:34/.X2:48		B	
890400	Engine uppercarr. CAN-Data transfer I/O-Module (ID90x) erroneous/maximum cycle time exceeded Emerg. op.: Momentum and RPM limitation of engine Check cable / plug / I/O-Module(s)	A750.X2:8/40/45/54/22/41		E	1
890401	Engine uppercarr. CAN-Data transfer Coupling (ID 556) erroneous/maximum cycle time exceeded last received value or replacement value Check cable / plug / coupling module	A750.X2:8/40/45/54/22/41		E	1
890402	Engine uppercarr. CAN-Data transfer Gear (ID564) erroneous/maximum cycle time exceeded last received value or replacement value Check cable / plug / gear module	A750.X2:8/40/45/54/22/41		E	1
890403	Engine uppercarr. CAN-Data transfer Gear (ID564) erroneous/maximum cycle time exceeded last received value or replacement value Check cable / plug / gear module	A750.X2:8/40/45/54/22/41		E	1
890404	Engine uppercarr. CAN-Data transfer Gear (ID668) erroneous/maximum cycle time exceeded last received value or replacement value Check cable / plug / gear module	A750.X2:8/40/45/54/22/41		E	1
890405	Engine uppercarr. CAN-Data transfer ABV (ID512) erroneous/maximum cycle time exceeded last received value or replacement value Check cable / plug / ABS/ASR-Module1	A750.X2:8/40/45/54/22/41		E	1
890406	Engine uppercarr. CAN-Data transfer ABV (ID513) erroneous/maximum cycle time exceeded last received value or replacement value Check cable / plug / ABS/ASR-Module1	A750.X2:8/40/45/54/22/41		E	1
890407	Engine uppercarr. CAN-Data transfer ABV2 (ID514) erroneous/maximum cycle time exceeded last received value or replacement value Check cable / plug / ABS/ASR-Module2	A750.X2:8/40/45/54/22/41		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
890408	Engine uppercarr. CAN-Data transfer ABV2 (ID515) erroneous/maximum cycle time exceeded last received value or replacement value Check cable / plug / ABS/ASR-Module2	A750.X2:8/40/45/54/22/41		E	1
890409	Engine uppercarr. CAN-Data transfer Retarder (ID 772) erroneous/maximum cycle time exceeded last received value or replacement value Check cable / plug / retarder module	A750.X2:8/40/45/54/22/41		E	1
890410	Engine uppercarr. CAN-Data transfer WSK (ID 776) erroneous/maximum cycle time exceeded last received value or replacement value Check cable / plug / converter module	A750.X2:8/40/45/54/22/41		E	1
890411	Engine uppercarr. CAN-Data transfer Overrun of receiving buffer last received value or replacement value Turn ignition of and on; if error not fixable, load new software in MSG or replace control unit	A750.X2:8/40/45/54/22/41		E	1
890500	Engine uppercarr. CAN-engine control unit Time exceeded request global process view internal error, replace control unit	A750.X2:8/40/45/54/22/41			
890501	Engine uppercarr. CAN-engine control unit Time exceeded at receipt of complete output data last received value or replacement value Turn ignition of and on; if error not fixable, load new software in MSG or replace control unit	A750.X2:8/40/45/54/22/41		E	1
890502	Engine uppercarr. CAN-engine control unit Data communication failed / interrupted (Sending timeout) last received value or replacement value Check cable / plug / CAN-participant	A750.X2:8/40/45/54/22/41		E	1
890503	Engine uppercarr. CAN-engine control unit Data communication interrupted (Passive error) last received value or replacement value Check cable / plug / CAN-participant	A750.X2:8/40/45/54/22/41		E	1
890504	Engine uppercarr. CAN-engine control unit Data communication interrupted (BusOff) last received value or replacement value Check cable / plug / CAN-participant	A750.X2:8/40/45/54/22/41		E	1
890600	Engine uppercarr. CAN constr. machinery Time exceeded request global process view Check cable / plug / CAN-participant	A750.X2:8/40/45/54/22/41		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
890601	Engine uppercarr. CAN constr. machinery Time exceeded at receipt of complete output data Check cable / plug / CAN-participant	A750.X2:8/40/45/54/22/41		E	1
890602	Engine uppercarr. CAN constr. machinery Data communication failed / interrupted (Sending timeout) Check cable / plug / CAN-participant	A750.X2:8/40/45/54/22/41		E	1
890603	Engine uppercarr. CAN constr. machinery Data communication interrupted (Passive error) Check cable / plug / CAN-participant	A750.X2:8/40/45/54/22/41		E	1
890604	Engine uppercarr. CAN constr. machinery Data communication interrupted (BusOff) Check cable / plug / CAN-participant	A750.X2:8/40/45/54/22/41		E	1
890605	Engine uppercarr. CAN constr. machinery Data communication malfunctioning (warning) Check cable / plug / CAN-participant	A750.X2:8/40/45/54/22/41		E	1
890606	Engine uppercarr. CAN constr. machinery Data communication was malfunctioning (timeout) Check cable / plug / CAN-participant	A750.X2:8/40/45/54/22/41		E	1
890700	Engine uppercarr. CAN AMET Time exceeded request global process view Check cable / plug / CAN-participant	A750.X2:8/40/45/54/22/41		E	1
890701	Engine uppercarr. CAN AMET Time exceeded at receipt of complete output data Check cable / plug / CAN-participant	A750.X2:8/40/45/54/22/41		E	1
890702	Engine uppercarr. CAN AMET Data communication failed / interrupted (Sending timeout) Check cable / plug / CAN-participant	A750.X2:8/40/45/54/22/41		E	1
890703	Engine uppercarr. CAN AMET Data communication interrupted (Passive error) Check cable / plug / CAN-participant	A750.X2:8/40/45/54/22/41		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
890704	Engine uppercarr. CAN AMET Data communication interrupted (BusOff) Check cable / plug / CAN-participant	A750.X2:8/40/45 /54/22/41		E	1
890705	Engine uppercarr. CAN AMET Data communication malfunctioning (warning) Check cable / plug / CAN-participant	A750.X2:8/40/45 /54/22/41		E	1
890706	Engine uppercarr. CAN AMET Data communication was malfunctioning (timeout) Check cable / plug / CAN-participant	A750.X2:8/40/45 /54/22/41		E	1
890800	Engine uppercarr. CAN-Data transfer Data communication Tachograph problem Change over to plausible speed source Check cable / plug / tachograph	A750.X2:8/40/45 /54/22/41		E	1
890801	Engine uppercarr. CAN-Data transfer Data communication TSC1 problem No Check cable / plug / CAN-participant	A750.X2:8/40/45 /54/22/41		E	1
890802	Engine uppercarr. CAN-Data transfer Data communication failed / interrupted (Sending timeout) Change over to plausible speed source Check cable / plug / CAN-participant	A750.X2:8/40/45 /54/22/41		E	1
890803	Engine uppercarr. CAN-Data transfer Data communication interrupted (Passive error) Change over to plausible speed source Check cable / plug / CAN-participant	A750.X2:8/40/45 /54/22/41		E	1
890804	Engine uppercarr. CAN-Data transfer Data communication interrupted (BusOff) Change over to plausible speed source Check cable / plug / CAN-participant	A750.X2:8/40/45 /54/22/41		E	1
890900	Engine uppercarr. CAN-communication status CAN A - Setting Transfer rate 125 KBaud possible No	A750.X2:8/40/45 /54/22/41		E	1
890901	Engine uppercarr. CAN-communication status CAN A - Setting Transfer rate 250 KBaud possible No	A750.X2:8/40/45 /54/22/41		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
890902	Engine uppercarr. CAN-communication status CAN A - Setting Transfer rate 500 KBaud possible No	A750.X2:8/40/45 /54/22/41		E	1
890903	Engine uppercarr. CAN-communication status CAN A - Setting Transfer rate 1 MBaud possible No	A750.X2:8/40/45 /54/22/41		E	1
890904	Engine uppercarr. CAN-communication status CAN B - Setting Transfer rate 125 KBaud possible No	A750.X2:8/40/45 /54/22/41		E	1
890905	Engine uppercarr. CAN-communication status CAN B - Setting Transfer rate 250 KBaud possible No	A750.X2:8/40/45 /54/22/41		E	1
890906	Engine uppercarr. CAN-communication status CAN B - Setting Transfer rate 500 KBaud possible No	A750.X2:8/40/45 /54/22/41		E	1
890907	Engine uppercarr. CAN-communication status CAN B - Setting Transfer rate 1 MBaud possible No	A750.X2:8/40/45 /54/22/41		E	1
890908	Engine uppercarr. CAN-communication status CAN-connection after problem new synchronized No	A750.X2:8/40/45 /54/22/41		E	1
890909	Engine uppercarr. CAN-communication status Transfer error stored on CAN No	A750.X2:8/40/45 /54/22/41		E	1
890910	Engine uppercarr. CAN-communication status CAN-transfer rate not recognized / is detected No	A750.X2:8/40/45 /54/22/41		E	1
890911	Engine uppercarr. CAN-communication status CAN-transfer rate not recognized / is detected No	A750.X2:8/40/45 /54/22/41		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
890912	Engine uppercarr. CAN-communication status CAN-transfer rate not recognized / is detected	A750.X2:8/40/45 /54/22/41		E	1
891000	Engine uppercarr. Internal error Stack-overflow Engine cannot be started or engine shut off Turn ignition of and on; if error not fixable, load new software in MSG or replace control unit	A750		E	2
891001	Engine uppercarr. Internal error Exception Engine cannot be started or engine shut off Turn ignition of and on; if error not fixable, load new software in MSG or replace control unit	A750		E	2
891002	Engine uppercarr. Internal error Program test Engine cannot be started or engine shut off Turn ignition of and on; if error not fixable, load new software in MSG or replace control unit	A750		E	2
891003	Engine uppercarr. Internal error RAM-Test Engine cannot be started or engine shut off Turn ignition of and on; if error not fixable, load new software in MSG or replace control unit	A750		E	2
891004	Engine uppercarr. Internal error Overflow in error stack No Turn ignition of and on; if error not fixable, load new software in MSG or replace control unit	A750		E	0
891005	Engine uppercarr. Internal error Comp. time error No Turn ignition of and on; if error not fixable, load new software in MSG or replace control unit	A750		E	2
891006	Engine uppercarr. Internal error Error-Index too large The error cannot be shown Turn ignition of and on; if error not fixable, load new software in MSG or replace control unit	A750		E	0
891100	Engine uppercarr. Memory error EEPROM Error at EEPROM-access Engine cannot be started or engine shut off Turn ignition off and on, if error not fixable, replace engine control unites	A750		E	2
891101	Engine uppercarr. Memory error EEPROM Check sum via parameter memory is erroneous Engine cannot be started or engine shut off Turn ignition off and on, if error not fixable, replace engine control unites	A750		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
891102	Engine uppercarr. Memory error EEPROM Parameter memory in EEPROM is invalid Engine cannot be started or engine shut off Turn ignition off and on, if error not fixable, replace engine control unites	A750		E	2
891103	Engine uppercarr. Memory error EEPROM Check sum via ECU-Page is erroneous No Turn ignition off and on, if error not fixable, replace engine control unites	A750		E	0
891104	Engine uppercarr. Memory error EEPROM Check sum via NMI-Page is erroneous No Turn ignition off and on, if error not fixable, replace engine control unites	A750		E	0
891105	Engine uppercarr. Memory error EEPROM Check sum via Work data-Page is erroneous No Turn ignition off and on, if error not fixable, replace engine control unites	A750		E	0
891106	Engine uppercarr. Memory error EEPROM Check sum via load collective is erroneous No Turn ignition off and on, if error not fixable, replace engine control unites	A750		E	0
891107	Engine uppercarr. Memory error EEPROM Structure size of load collective has changed No Turn ignition off and on, if error not fixable, replace engine control unites	A750		E	0
891108	Engine uppercarr. Memory error EEPROM EEPROM has insufficient memory for load collective free No Turn ignition off and on, if error not fixable, replace engine control unites	A750		E	0
891109	Engine uppercarr. Memory error EEPROM Check sum via permanent data is erroneous No Turn ignition off and on, if error not fixable, replace engine control unites	A750		E	0
891200	Engine uppercarr. Power supply Supply voltage too low Engine cannot be started or engine shut off Check power supply (battery, alternator, wiring, plug).	A750.X2:1/2/15/ 16/66		E	1
891201	Engine uppercarr. Power supply Supply voltage too high Engine cannot be started or engine shut off; only communication with diagnostics tool Check power supply (battery, alternator, wiring, plug)	A750.X2:1/2/15/ 16/66		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
891202	Engine uppercarr. Power supply Digital output short circuit after supply voltage Engine shut off; only communication with diagnostics tool Wiring, check engine control unit; replace engine control unit if nec.	A750.X2:1/2/15/16/66		E	1
891203	Engine uppercarr. Power supply Error at release of power outputs Engine shut off; shut off of all digital outlets Wiring, check engine control unit; replace engine control unit if nec.	A750.X2:1/2/15/16/66		E	1
891204	Engine uppercarr. Power supply Current supply PS1 erroneous/missing Engine cannot be started or engine shut off Check power supply (battery, alternator, wiring, plug) in rel. to PS1	A750.X2:1/2/15/16/66		E	1
891205	Engine uppercarr. Power supply Error on 12V-Reference: Voltage too low (<10V) Engine cannot be started or engine shut off Check power supply (battery, alternator, wiring, plug) in rel. to PS1	A750.X2:1/2/15/16/66		E	1
891206	Engine uppercarr. Power supply Error on 12V-Reference: Voltage too high (>14V) Engine cannot be started or engine shut off Check power supply (battery, alternator, wiring, plug) in rel. to PS1	A750.X2:1/2/15/16/66		E	1
891500	Engine uppercarr. Configuration error Fan control The fan control is deactivated. Resulting in maximum vent position New data set, or replace engine control unit	A750		E	1
891501	Engine uppercarr. Configuration error Full load curve (incorrect Offset) The matching of the performance curve is internally limited New data set, or replace engine control unit	A750		E	1
891502	Engine uppercarr. Configuration error Monitoring Travel pedal Pedal unit is not monitored New data set, or replace engine control unit	A750		E	1
891503	Engine uppercarr. Configuration error Incorrect pump code Injector class 3 is used as replacement value Check pump coding and change (via diagnostics or corr. diagnostics tool)	A750		E	1
891504	Engine uppercarr. Configuration error Assignment error at high pressure sensors Emerg. op.: Shut off of CR-High pr. pump New data set, or replace engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
891505	Engine uppercarr. Configuration error No high pressure pump active Emerg. op.: Shut off of CR-High pr. pump New data set, or replace engine control unit	A750		E	1
891506	Engine uppercarr. Configuration error Current output for high pressure pump 1 not active Emerg. op.: Shut off of CR-High pr. pump New data set, or replace engine control unit	A750		E	1
891507	Engine uppercarr. Configuration error Current output for high pressure pump 2 not active Emerg. op.: Shut off of CR-High pr. pump New data set, or replace engine control unit	A750		E	1
891900	Engine uppercarr. Speed recording Maximum difference travel speed Tacho<>Gear exceeded The larger speed value is used Check Wiring engine control unit to speed sensor or check speed sensor.	A750		E	1
892000	Engine uppercarr. Alternator Undervoltage at engine start No Check wiring engine control unit to alternator and alternator.	A750.X2:67/1/2/15/16		E	1
892001	Engine uppercarr. Alternator Undervoltage at engine on No Check wiring engine control unit to alternator and alternator.	A750.X2:67/1/2/15/16		E	1
892002	Engine uppercarr. Alternator Undervoltage at engine on No Check wiring engine control unit to alternator and alternator.	A750.X2:67/1/2/15/16		E	1
892003	Engine uppercarr. Alternator Overvoltage at engine on No Check wiring engine control unit to alternator and alternator.	A750.X2:67/1/2/15/16		E	1
892004	Engine uppercarr. Alternator Voltage deviation to supply voltage too low No Check wiring engine control unit to alternator and alternator.	A750.X2:67/1/2/15/16		E	1
892005	Engine uppercarr. Alternator Voltage deviation to supply voltage too high No Check wiring engine control unit to alternator and alternator.	A750.X2:67/1/2/15/16		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
892100	Engine uppercarr. Travel pedal No gas switch erroneous Use low value Check wiring engine control unit to travel pedal. Check travel pedal / replace	A750		E	1
892101	Engine uppercarr. Travel pedal maximum signal difference channel 1 and 2 exceeded Use low value Check wiring engine control unit to travel pedal. Check travel pedal / replace	A750		E	1
892800	Engine uppercarr. Exhaust return (AGR2) Short circuit after ground or broken wire External AGR2 is not actuated Check wiring harness / plug / AGR2 valve / engine control unit	A750.X1:13/27/57/66		E	1
892801	Engine uppercarr. Exhaust return (AGR2) short circuit to supply voltage External AGR2 is not actuated Check wiring harness / plug / AGR2 valve / engine control unit	A750.X1:13/27/57/66		E	1
892802	Engine uppercarr. Exhaust return (AGR2) Hardware error (Transistor defective) External AGR2 is not actuated Check engine control unit	A750.X1:13/27/57/66		E	1
892803	Engine uppercarr. Exhaust return (AGR2) Rule deviation negative External AGR2 is not actuated Check wiring harness / plug / AGR2 valve / engine control unit	A750.X1:13/27/57/66		E	1
892804	Engine uppercarr. Exhaust return (AGR2) Rule deviation positive External AGR2 is not actuated Check wiring harness / plug / AGR2 valve / engine control unit	A750.X1:13/27/57/66		E	1
892805	Engine uppercarr. Exhaust return (AGR2) Logic threshold breach in shut off condition External AGR2 is not actuated Check wiring harness / plug / AGR2 valve / engine control unit	A750.X1:13/27/57/66		E	1
892806	Engine uppercarr. Exhaust return (AGR2) Logic threshold breach (Current less than perm. minimum value) External AGR2 is not actuated Check wiring harness / plug / AGR2 valve / engine control unit	A750.X1:13/27/57/66		E	1
892807	Engine uppercarr. Exhaust return (AGR2) Logic threshold breach (Current more than perm. maximum value) External AGR2 is not actuated Check wiring harness / plug / AGR2 valve / engine control unit	A750.X1:13/27/57/66		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
892811	Engine uppercarr. Exhaust return (AGR2) open without actuation External AGR2 is not actuated Check wiring harness / plug / AGR2 valve / engine control unit	A750.X1:13/27/57/66		E	1
892812	Engine uppercarr. Exhaust return (AGR2) closed despite actuation External AGR2 is not actuated Check wiring harness / plug / AGR2 valve / engine control unit	A750.X1:13/27/57/66		E	1
892900	Engine uppercarr. Air flap Short circuit after ground or broken wire Air vent is not actuated Check cable harness / plug / air vent / engine control unit	A750.X2:12/13		E	1
892901	Engine uppercarr. Air flap short circuit to supply voltage Air vent is not actuated Check cable harness / plug / air vent / engine control unit	A750.X2:12/13		E	1
892902	Engine uppercarr. Air flap Hardware error (Transistor defective) Air vent is not actuated Check engine control unit	A750.X2:12/13		E	1
892903	Engine uppercarr. Air flap Rule deviation negative Air vent is not actuated Check cable harness / plug / air vent / engine control unit	A750.X2:12/13		E	1
892904	Engine uppercarr. Air flap Rule deviation positive Air vent is not actuated Check cable harness / plug / air vent / engine control unit	A750.X2:12/13		E	1
892905	Engine uppercarr. Air flap Logic threshold breach in shut off condition Air vent is not actuated Check cable harness / plug / air vent / engine control unit	A750.X2:12/13		E	1
892906	Engine uppercarr. Air flap Logic threshold breach (Current less than perm. minimum value) Air vent is not actuated Check cable harness / plug / air vent / engine control unit	A750.X2:12/13		E	1
892907	Engine uppercarr. Air flap Logic threshold breach (Current more than perm. maximum value) Air vent is not actuated Check cable harness / plug / air vent / engine control unit	A750.X2:12/13		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
892908	Engine uppercarr. Air flap Over current LowSide Air vent is not actuated Check cable harness / plug / air vent / engine control unit	A750.X2:12/13		E	1
892909	Engine uppercarr. Air flap Over current HighSide Air vent is not actuated Check cable harness / plug / air vent / engine control unit	A750.X2:12/13		E	1
892910	Engine uppercarr. Air flap PWM on maximum Air vent is not actuated Check cable harness / plug / air vent / engine control unit	A750.X2:12/13		E	1
893003	Engine uppercarr. High pressure pump 1 Rule deviation negative Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:9/10/32 /46/60		E	1
893004	Engine uppercarr. High pressure pump 1 Rule deviation positive Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:9/10/32 /46/60		E	1
893005	Engine uppercarr. High pressure pump 1 Current to high in shut off condition Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:9/10/32 /46/60		E	1
893006	Engine uppercarr. High pressure pump 1 Current to low in actuated condition Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:9/10/32 /46/60		E	1
893007	Engine uppercarr. High pressure pump 1 Current to high in actuated condition Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:9/10/32 /46/60		E	1
893008	Engine uppercarr. High pressure pump 1 UeberCurrent LowSide (ground switch) Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:9/10/32 /46/60		E	1
893009	Engine uppercarr. High pressure pump 1 UeberCurrent HighSide (Plus-switch) Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:9/10/32 /46/60		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
893010	Engine uppercarr. High pressure pump 1 PWM on maximum Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:9/10/32/46/60		E	1
893103	Engine uppercarr. High pressure pump 2 Rule deviation negative Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:11/12/31/45/59		E	1
893104	Engine uppercarr. High pressure pump 2 Rule deviation positive Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:11/12/31/45/59		E	1
893105	Engine uppercarr. High pressure pump 2 Current to high in shut off condition Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:11/12/31/45/59		E	1
893106	Engine uppercarr. High pressure pump 2 Current to low in actuated condition Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:11/12/31/45/59		E	1
893107	Engine uppercarr. High pressure pump 2 Current to high in actuated condition Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:11/12/31/45/59		E	1
893108	Engine uppercarr. High pressure pump 2 UeberCurrent LowSide (ground switch) Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:11/12/31/45/59		E	1
893109	Engine uppercarr. High pressure pump 2 UeberCurrent HighSide (Plus-switch) Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:11/12/31/45/59		E	1
893110	Engine uppercarr. High pressure pump 2 PWM on maximum Emerg. op.: Shut off of CR-High pr. pump Check cable harness / plug / CR-High pr. pump / engine control unit	A750.X1:11/12/31/45/59		E	1
893200	Engine uppercarr. Starter short circuit to ground Engine start not possible Check cable harness / plug / Starter / engine control unit	A750.X1:29		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
893201	Engine uppercarr. Starter short circuit to supply voltage Engine start not possible Check cable harness / plug / Starter / engine control unit	A750.X1:29		E	1
893300	Engine uppercarr. Fan control Short circuit after ground or broken wire The fan control is deactivated. Resulting in maximum vent position Check wiring harness / plug / fan proportional valve / engine control unit	A750.X2:26/27		E	1
893301	Engine uppercarr. Fan control short circuit to supply voltage The fan control is deactivated. Resulting in maximum vent position Check wiring harness / plug / fan proportional valve / engine control unit	A750.X2:26/27		E	1
893302	Engine uppercarr. Fan control Hardware error (Transistor defective) The fan control is deactivated. Resulting in maximum vent position Check engine control unit	A750.X2:26/27		E	1
893303	Engine uppercarr. Fan control Rule deviation negative The fan control is deactivated. Resulting in maximum vent position Check wiring harness / plug / fan proportional valve / engine control unit	A750.X2:26/27		E	1
893304	Engine uppercarr. Fan control Rule deviation positive The fan control is deactivated. Resulting in maximum vent position Check wiring harness / plug / fan proportional valve / engine control unit	A750.X2:26/27		E	1
893305	Engine uppercarr. Fan control Logic threshold breach in shut off condition The fan control is deactivated. Resulting in maximum vent position Check wiring harness / plug / fan proportional valve / engine control unit	A750.X2:26/27		E	1
893306	Engine uppercarr. Fan control Logic threshold breach (Current less than perm. minimum value) The fan control is deactivated. Resulting in maximum vent position Check wiring harness / plug / fan proportional valve / engine control unit	A750.X2:26/27		E	1
893307	Engine uppercarr. Fan control Logic threshold breach (Current more than perm. maximum value) The fan control is deactivated. Resulting in maximum vent position Check wiring harness / plug / fan proportional valve / engine control unit	A750.X2:26/27		E	1
893400	Engine uppercarr. Engine brake Short circuit after ground or broken wire Engine brake flap is not actuated Check cable harness / plug / engine brake flap / engine control unit	A750.X2:11		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
893401	Engine uppercarr. Engine brake short circuit to supply voltage Engine brake flap is not actuated Check cable harness / plug / engine brake flap / engine control unit	A750.X2:11		E	1
893402	Engine uppercarr. Engine brake Hardware error (Transistor defective) Engine brake flap is not actuated Check engine control unit	A750.X2:11		E	1
893403	Engine uppercarr. Engine brake Rule deviation negative Engine brake flap is not actuated Check cable harness / plug / engine brake flap / engine control unit	A750.X2:11		E	1
893404	Engine uppercarr. Engine brake Rule deviation positive Engine brake flap is not actuated Check cable harness / plug / engine brake flap / engine control unit	A750.X2:11		E	1
893405	Engine uppercarr. Engine brake Logic threshold breach in shut off condition Engine brake flap is not actuated Check cable harness / plug / engine brake flap / engine control unit	A750.X2:11		E	1
893406	Engine uppercarr. Engine brake Logic threshold breach (Current less than perm. minimum value) Engine brake flap is not actuated Check cable harness / plug / engine brake flap / engine control unit	A750.X2:11		E	1
893407	Engine uppercarr. Engine brake Logic threshold breach (Current more than perm. maximum value) Engine brake flap is not actuated Check cable harness / plug / engine brake flap / engine control unit	A750.X2:11		E	1
893500	Engine uppercarr. Heater flange unit 1 Short circuit after ground or broken wire Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:39/64		E	1
893501	Engine uppercarr. Heater flange unit 1 short circuit to supply voltage Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:39/64		E	1
893502	Engine uppercarr. Heater flange unit 1 Hardware error (Transistor defective) Failure of pre- and afterheat phase Check engine control unit	A750.X2:39/64		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
893503	Engine uppercarr. Heater flange unit 1 Rule deviation negative Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:39/64		E	1
893504	Engine uppercarr. Heater flange unit 1 Rule deviation positive Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:39/64		E	1
893505	Engine uppercarr. Heater flange unit 1 Logic threshold breach in shut off condition Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:39/64		E	1
893506	Engine uppercarr. Heater flange unit 1 Logic threshold breach (Current less than perm. minimum value) Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:39/64		E	1
893507	Engine uppercarr. Heater flange unit 1 Logic threshold breach (Current more than perm. maximum value) Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:39/64		E	1
893511	Engine uppercarr. Heater flange unit 1 No voltage on heater element Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:39/64		E	1
893512	Engine uppercarr. Heater flange unit 1 Voltage on heater element Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:39/64		E	1
893600	Engine uppercarr. Heater flange unit 2 Short circuit after ground or broken wire Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:25/65		E	1
893601	Engine uppercarr. Heater flange unit 2 short circuit to supply voltage Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:25/65		E	1
893602	Engine uppercarr. Heater flange unit 2 Hardware error (Transistor defective) Failure of pre- and afterheat phase Check engine control unit	A750.X2:25/65		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
893603	Engine uppercarr. Heater flange unit 2 Rule deviation negative Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:25/65		E	1
893604	Engine uppercarr. Heater flange unit 2 Rule deviation positive Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:25/65		E	1
893605	Engine uppercarr. Heater flange unit 2 Logic threshold breach in shut off condition Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:25/65		E	1
893606	Engine uppercarr. Heater flange unit 2 Logic threshold breach (Current less than perm. minimum value) Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:25/65		E	1
893607	Engine uppercarr. Heater flange unit 2 Logic threshold breach (Current more than perm. maximum value) Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:25/65		E	1
893611	Engine uppercarr. Heater flange unit 2 No voltage on heater element Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:25/65		E	1
893612	Engine uppercarr. Heater flange unit 2 Voltage on heater element Failure of pre- and afterheat phase Check wiring harness / plug / heater flange or glow plug unit/ ext. relay / engine control unit	A750.X2:25/65		E	1
893700	Engine uppercarr. Solenoid valves Short circuit after ground or broken wire Failure of after heat phase Check cable harness / plug / solenoid valve flame start system/ engine control unit	A750.X2:25/65		E	1
893701	Engine uppercarr. Solenoid valves short circuit to supply voltage Failure of after heat phase Check cable harness / plug / solenoid valve flame start system/ engine control unit	A750.X2:25/65		E	1
893702	Engine uppercarr. Solenoid valves Hardware error (Transistor defective) Failure of after heat phase Check engine control unit	A750.X2:25/65		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
893703	Engine uppercarr. Solenoid valves Rule deviation negative Failure of after heat phase Check cable harness / plug / solenoid valve flame start system/ engine control unit	A750.X2:25/65		E	1
893704	Engine uppercarr. Solenoid valves Rule deviation positive Failure of after heat phase Check cable harness / plug / solenoid valve flame start system/ engine control unit	A750.X2:25/65		E	1
893705	Engine uppercarr. Solenoid valves Logic threshold breach in shut off condition Failure of after heat phase Check cable harness / plug / solenoid valve flame start system/ engine control unit	A750.X2:25/65		E	1
893706	Engine uppercarr. Solenoid valves Logic threshold breach (Current less than perm. minimum value) Failure of after heat phase Check cable harness / plug / solenoid valve flame start system/ engine control unit	A750.X2:25/65		E	1
893707	Engine uppercarr. Solenoid valves Logic threshold breach (Current more than perm. maximum value) Failure of after heat phase Check cable harness / plug / solenoid valve flame start system/ engine control unit	A750.X2:25/65		E	1
893800	Engine uppercarr. Turbo charger Short circuit after ground or broken wire Turbocharger is not actuated Check cable harness / plug / solenoid valve Turbo charger / engine control unit	A750		E	1
893801	Engine uppercarr. Turbo charger short circuit to supply voltage Turbocharger is not actuated Check cable harness / plug / solenoid valve Turbo charger / engine control unit	A750		E	1
893802	Engine uppercarr. Turbo charger Hardware error (Transistor defective) Turbocharger is not actuated Check engine control unit	A750		E	1
893803	Engine uppercarr. Turbo charger Rule deviation negative Turbocharger is not actuated Check cable harness / plug / solenoid valve Turbo charger / engine control unit	A750		E	1
893804	Engine uppercarr. Turbo charger Rule deviation positive Turbocharger is not actuated Check cable harness / plug / solenoid valve Turbo charger / engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
893805	Engine uppercarr. Turbo charger Logic threshold breach in shut off condition Turbocharger is not actuated Check cable harness / plug / solenoid valve Turbo charger / engine control unit	A750		E	1
893806	Engine uppercarr. Turbo charger Logic threshold breach (Current less than perm. minimum value) Turbocharger is not actuated Check cable harness / plug / solenoid valve Turbo charger / engine control unit	A750		E	1
893807	Engine uppercarr. Turbo charger Logic threshold breach (Current more than perm. maximum value) Turbocharger is not actuated Check cable harness / plug / solenoid valve Turbo charger / engine control unit	A750		E	1
893900	Engine uppercarr. Exhaust return (AGR) Short circuit after ground or broken wire External AGR is not actuated Check cable harness / plug / AGR-valve / engine control unit	A750.X1:14/28/4 3/65/31/4		E	1
893901	Engine uppercarr. Exhaust return (AGR) short circuit to supply voltage External AGR is not actuated Check cable harness / plug / AGR-valve / engine control unit	A750.X1:14/28/4 3/65/31/4		E	1
893902	Engine uppercarr. Exhaust return (AGR) Hardware error (Transistor defective) External AGR is not actuated Check engine control unit	A750.X1:14/28/4 3/65/31/4		E	1
893903	Engine uppercarr. Exhaust return (AGR) Rule deviation negative External AGR is not actuated Check cable harness / plug / AGR-valve / engine control unit	A750.X1:14/28/4 3/65/31/4		E	1
893904	Engine uppercarr. Exhaust return (AGR) Rule deviation positive External AGR is not actuated Check cable harness / plug / AGR-valve / engine control unit	A750.X1:14/28/4 3/65/31/4		E	1
893905	Engine uppercarr. Exhaust return (AGR) Logic threshold breach (Current higher than perm. min. value) External AGR is not actuated Check cable harness / plug / AGR-valve / engine control unit	A750.X1:14/28/4 3/65/31/4		E	1
893906	Engine uppercarr. Exhaust return (AGR) Logic threshold breach (Current less than perm. minimum value) External AGR is not actuated Check cable harness / plug / AGR-valve / engine control unit	A750.X1:14/28/4 3/65/31/4		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
893907	Engine uppercarr. Exhaust return (AGR) Logic threshold breach (Current more than perm. maximum value) External AGR is not actuated Check cable harness / plug / AGR-valve / engine control unit	A750.X1:14/28/4 3/65/31/4		E	1
893911	Engine uppercarr. Exhaust return (AGR) open without actuation External AGR is not actuated Check cable harness / plug / AGR-valve / engine control unit	A750.X1:14/28/4 3/65/31/4		E	1
893912	Engine uppercarr. Exhaust return (AGR) closed despite actuation External AGR is not actuated Check cable harness / plug / AGR-valve / engine control unit	A750.X1:14/28/4 3/65/31/4		E	1
894000	Engine uppercarr. Emerg. Op. indicator Short circuit after ground or broken wire None Check cable harness / plug / warn. light / engine control unit	A750.X2:42		E	1
894001	Engine uppercarr. Emerg. Op. indicator short circuit to supply voltage None Check cable harness / plug / warn. light / engine control unit	A750.X2:42		E	1
894002	Engine uppercarr. Emerg. Op. indicator Hardware error (Transistor defective) None Check engine control unit	A750.X2:42		E	1
894100	Engine uppercarr. Indicator light preglow / start readiness Short circuit after ground or broken wire None Check cable harness / plug / warn. light / engine control unit	A750.X2:28		E	1
894101	Engine uppercarr. Indicator light preglow / start readiness short circuit to supply voltage None Check cable harness / plug / warn. light / engine control unit	A750.X2:28		E	1
894102	Engine uppercarr. Indicator light preglow / start readiness Hardware error (Transistor defective) None Check engine control unit	A750.X2:28		E	1
894200	Engine uppercarr. Charge indicator Alternator Short circuit after ground or broken wire None Check cable harness / plug / warn. light / engine control unit	A750.X2:14		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
894201	Engine uppercarr. Charge indicator Alternator short circuit to supply voltage None Check cable harness / plug / warn. light / engine control unit	A750.X2:14		E	1
894202	Engine uppercarr. Charge indicator Alternator Hardware error (Transistor defective) None Check engine control unit	A750.X2:14		E	1
894300	Engine uppercarr. fan control 1 (reversible) Short circuit after ground or broken wire	A750.X2:26/27		E	1
894301	Engine uppercarr. fan control 1 (reversible) short circuit to supply voltage	A750.X2:26/27		E	1
894302	Engine uppercarr. fan control 1 (reversible) Hardware error (Transistor defective)	A750.X2:26/27		E	1
894303	Engine uppercarr. fan control 1 (reversible) Rule deviation negative	A750.X2:26/27		E	1
894304	Engine uppercarr. fan control 1 (reversible) Rule deviation positive	A750.X2:26/27		E	1
894305	Engine uppercarr. fan control 1 (reversible) Logic threshold breach in shut off condition	A750.X2:26/27		E	1
894306	Engine uppercarr. fan control 1 (reversible) Logic threshold breach (Current less than perm. minimum value)	A750.X2:26/27		E	1
894307	Engine uppercarr. fan control 1 (reversible) Logic threshold breach (Current more than perm. maximum value)	A750.X2:26/27		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
894400	Engine uppercarr. fan control 2 (reversible) Short circuit after ground or broken wire	A750.X2:26/27		E	1
894401	Engine uppercarr. fan control 2 (reversible) short circuit to supply voltage	A750.X2:26/27		E	1
894402	Engine uppercarr. fan control 2 (reversible) Hardware error (Transistor defective)	A750.X2:26/27		E	1
894403	Engine uppercarr. fan control 2 (reversible) Rule deviation negative	A750.X2:26/27		E	1
894404	Engine uppercarr. fan control 2 (reversible) Rule deviation positive	A750.X2:26/27		E	1
894405	Engine uppercarr. fan control 2 (reversible) Logic threshold breach in shut off condition	A750.X2:26/27		E	1
894406	Engine uppercarr. fan control 2 (reversible) Logic threshold breach (Current less than perm. minimum value)	A750.X2:26/27		E	1
894407	Engine uppercarr. fan control 2 (reversible) Logic threshold breach (Current more than perm. maximum value)	A750.X2:26/27		E	1
894500	Engine uppercarr. Rail pressure system Pressure relief valve 1 open High pressure regulation emergency operation activated Test Rail circuit 1	A750		E	1
894501	Engine uppercarr. Rail pressure system Pressure relief valve 2 open High pressure regulation emergency operation activated Test Rail circuit 2	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
894502	Engine uppercarr. Rail pressure system Emergency operation high pressure regulation active Power reduction, high pressure pump control turned off Test Rail circuit 1/2 / wiring harness / plug	A750		E	1
894503	Engine uppercarr. Rail pressure system Pressure difference between high pressure sensor 1 and 2 No reaction on engine, the higher sensor value is used Test wiring harness/ plug / rail pressure sensors / rail circuit 1/2	A750		E	1
894504	Engine uppercarr. Rail pressure system Regulation deviation in CR-regulating circuit 1 None Test Rail circuit 1	A750		E	1
894505	Engine uppercarr. Rail pressure system Regulation deviation in CR-regulating circuit 2 None Test Rail circuit 2	A750		E	1
894900	Engine uppercarr. RPM signal output Short circuit after ground or broken wire No Check wiring harness / plug / connected modules	A750		E	1
894901	Engine uppercarr. RPM signal output short circuit to supply voltage No Check wiring harness / plug / connected modules	A750		E	1
895000	Engine uppercarr. Cylinder A1 Current back test erroneous or broken wire No Check cable / plug / solenoid valve / engine control unit	A750.X1:22/8		E	2
895001	Engine uppercarr. Cylinder A1 UeberCurrent LowSide (ground switch) No Check cable / plug / solenoid valve / engine control unit	A750.X1:22/8		E	2
895002	Engine uppercarr. Cylinder A1 UeberCurrent HighSide (Plus switch) No Check cable / plug / solenoid valve / engine control unit	A750.X1:22/8		E	2
895003	Engine uppercarr. Cylinder A1 Overcurent HighSide (free wheel) No Check cable / plug / solenoid valve / engine control unit	A750.X1:22/8		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
895005	Engine uppercarr. Cylinder A1 Fly time too small No Check cable / plug / solenoid valve / engine control unit	A750.X1:22/8		E	
895006	Engine uppercarr. Cylinder A1 Fly time too large No Check cable / plug / solenoid valve / engine control unit	A750.X1:22/8		E	0
895007	Engine uppercarr. Cylinder A1 No increase time measured No Replace engine control unit	A750.X1:22/8		E	2
895008	Engine uppercarr. Cylinder A1 Increase time too large No New data set, or replace engine control unit	A750.X1:22/8		E	
895100	Engine uppercarr. Cylinder A2 Current back test erroneous or broken wire No Check cable / plug / solenoid valve / engine control unit	A750.X1:21/7		E	2
895101	Engine uppercarr. Cylinder A2 UeberCurrent LowSide (ground switch) No Check cable / plug / solenoid valve / engine control unit	A750.X1:21/7		E	2
895102	Engine uppercarr. Cylinder A2 UeberCurrent HighSide (Plus switch) No Check cable / plug / solenoid valve / engine control unit	A750.X1:21/7		E	2
895103	Engine uppercarr. Cylinder A2 Overcurent HighSide (free wheel) No Check cable / plug / solenoid valve / engine control unit	A750.X1:21/7		E	2
895104	Engine uppercarr. Cylinder A2 No fly time measured No Replace engine control unit	A750.X1:21/7		E	2
895105	Engine uppercarr. Cylinder A2 Fly time too small No Check cable / plug / solenoid valve / engine control unit	A750.X1:21/7		E	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
895106	Engine uppercarr. Cylinder A2 Fly time too large No Check cable / plug / solenoid valve / engine control unit	A750.X1:21/7		E	0
895107	Engine uppercarr. Cylinder A2 No increase time measured No Replace engine control unit	A750.X1:21/7		E	2
895108	Engine uppercarr. Cylinder A2 Increase time too large No New data set, or replace engine control unit	A750.X1:21/7		E	
895200	Engine uppercarr. Cylinder A3 Current back test erroneous or broken wire No Check cable / plug / solenoid valve / engine control unit	A750.X1:20/6		E	2
895201	Engine uppercarr. Cylinder A3 UeberCurrent LowSide (ground switch) No Check cable / plug / solenoid valve / engine control unit	A750.X1:20/6		E	2
895202	Engine uppercarr. Cylinder A3 UeberCurrent HighSide (Plus switch) No Check cable / plug / solenoid valve / engine control unit	A750.X1:20/6		E	2
895203	Engine uppercarr. Cylinder A3 Overcurent HighSide (free wheel) No Check cable / plug / solenoid valve / engine control unit	A750.X1:20/6		E	2
895204	Engine uppercarr. Cylinder A3 No fly time measured No Replace engine control unit	A750.X1:20/6		E	2
895205	Engine uppercarr. Cylinder A3 Fly time too small No Check cable / plug / solenoid valve / engine control unit	A750.X1:20/6		E	
895206	Engine uppercarr. Cylinder A3 Fly time too large No Check cable / plug / solenoid valve / engine control unit	A750.X1:20/6		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
895207	Engine uppercarr. Cylinder A3 No increase time measured No Replace engine control unit	A750.X1:20/6		E	2
895208	Engine uppercarr. Cylinder A3 Increase time too large No New data set, or replace engine control unit	A750.X1:20/6		E	
895300	Engine uppercarr. Cylinder A4 Current back test erroneous or broken wire No Check cable / plug / solenoid valve / engine control unit	A750.X1:19/5		E	2
895301	Engine uppercarr. Cylinder A4 UeberCurrent LowSide (ground switch) No Check cable / plug / solenoid valve / engine control unit	A750.X1:19/5		E	2
895302	Engine uppercarr. Cylinder A4 UeberCurrent HighSide (Plus switch) No Check cable / plug / solenoid valve / engine control unit	A750.X1:19/5		E	2
895303	Engine uppercarr. Cylinder A4 Overcurent HighSide (free wheel) No Check cable / plug / solenoid valve / engine control unit	A750.X1:19/5		E	2
895304	Engine uppercarr. Cylinder A4 No fly time measured No Replace engine control unit	A750.X1:19/5		E	2
895305	Engine uppercarr. Cylinder A4 Fly time too small No Check cable / plug / solenoid valve / engine control unit	A750.X1:19/5		E	
895306	Engine uppercarr. Cylinder A4 Fly time too large No Check cable / plug / solenoid valve / engine control unit	A750.X1:19/5		E	0
895307	Engine uppercarr. Cylinder A4 No increase time measured No Replace engine control unit	A750.X1:19/5		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
895308	Engine uppercarr. Cylinder A4 Increase time too large No New data set, or replace engine control unit	A750.X1:19/5		E	
895800	Engine uppercarr. Cylinder B1 Current back test erroneous or broken wire No Check cable / plug / solenoid valve / engine control unit	A750.X1:18/4		E	2
895801	Engine uppercarr. Cylinder B1 UeberCurrent LowSide (ground switch) No Check cable / plug / solenoid valve / engine control unit	A750.X1:18/4		E	2
895802	Engine uppercarr. Cylinder B1 UeberCurrent HighSide (Plus switch) No Check cable / plug / solenoid valve / engine control unit	A750.X1:18/4		E	2
895803	Engine uppercarr. Cylinder B1 Overcurent HighSide (free wheel) No Check cable / plug / solenoid valve / engine control unit	A750.X1:18/4		E	2
895804	Engine uppercarr. Cylinder B1 No fly time measured No Replace engine control unit	A750.X1:18/4		E	2
895805	Engine uppercarr. Cylinder B1 Fly time too small No Check cable / plug / solenoid valve / engine control unit	A750.X1:18/4		E	
895806	Engine uppercarr. Cylinder B1 Fly time too large No Check cable / plug / solenoid valve / engine control unit	A750.X1:18/4		E	0
895807	Engine uppercarr. Cylinder B1 No increase time measured No Replace engine control unit	A750.X1:18/4		E	2
895808	Engine uppercarr. Cylinder B1 Increase time too large No New data set, or replace engine control unit	A750.X1:18/4		E	

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
895900	Engine uppercarr. Cylinder B2 Current back test erroneous or broken wire No Check cable / plug / solenoid valve / engine control unit	A750.X1:17/3		E	2
895901	Engine uppercarr. Cylinder B2 UeberCurrent LowSide (ground switch) No Check cable / plug / solenoid valve / engine control unit	A750.X1:17/3		E	2
895902	Engine uppercarr. Cylinder B2 UeberCurrent HighSide (Plus switch) No Check cable / plug / solenoid valve / engine control unit	A750.X1:17/3		E	2
895903	Engine uppercarr. Cylinder B2 Overcurent HighSide (free wheel) No Check cable / plug / solenoid valve / engine control unit	A750.X1:17/3		E	2
895904	Engine uppercarr. Cylinder B2 No fly time measured No Replace engine control unit	A750.X1:17/3		E	2
895905	Engine uppercarr. Cylinder B2 Fly time too small No Check cable / plug / solenoid valve / engine control unit	A750.X1:17/3		E	
895906	Engine uppercarr. Cylinder B2 Fly time too large No Check cable / plug / solenoid valve / engine control unit	A750.X1:17/3		E	0
895907	Engine uppercarr. Cylinder B2 No increase time measured No Replace engine control unit	A750.X1:17/3		E	2
895908	Engine uppercarr. Cylinder B2 Increase time too large No New data set, or replace engine control unit	A750.X1:17/3		E	
896000	Engine uppercarr. Cylinder B3 Current back test erroneous or broken wire No Check cable / plug / solenoid valve / engine control unit	A750.X1:16/2		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
896001	Engine uppercarr. Cylinder B3 UeberCurrent LowSide (ground switch) No Check cable / plug / solenoid valve / engine control unit	A750.X1:16/2		E	2
896002	Engine uppercarr. Cylinder B3 UeberCurrent HighSide (Plus switch) No Check cable / plug / solenoid valve / engine control unit	A750.X1:16/2		E	2
896003	Engine uppercarr. Cylinder B3 Overcurent HighSide (free wheel) No Check cable / plug / solenoid valve / engine control unit	A750.X1:16/2		E	2
896004	Engine uppercarr. Cylinder B3 No fly time measured No Replace engine control unit	A750.X1:16/2		E	2
896005	Engine uppercarr. Cylinder B3 Fly time too small No Check cable / plug / solenoid valve / engine control unit	A750.X1:16/2		E	
896006	Engine uppercarr. Cylinder B3 Fly time too large No Check cable / plug / solenoid valve / engine control unit	A750.X1:16/2		E	0
896007	Engine uppercarr. Cylinder B3 No increase time measured No Replace engine control unit	A750.X1:16/2		E	2
896008	Engine uppercarr. Cylinder B3 Increase time too large No New data set, or replace engine control unit	A750.X1:16/2		E	
896100	Engine uppercarr. Cylinder B4 Current back test erroneous or broken wire No Check cable / plug / solenoid valve / engine control unit	A750.X1:15/1		E	2
896101	Engine uppercarr. Cylinder B4 UeberCurrent LowSide (ground switch) No Check cable / plug / solenoid valve / engine control unit	A750.X1:15/1		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
896102	Engine uppercarr. Cylinder B4 UeberCurrent HighSide (Plus switch) No Check cable / plug / solenoid valve / engine control unit	A750.X1:15/1		E	2
896103	Engine uppercarr. Cylinder B4 Overcurent HighSide (free wheel) No Check cable / plug / solenoid valve / engine control unit	A750.X1:15/1		E	2
896104	Engine uppercarr. Cylinder B4 No fly time measured No Replace engine control unit	A750.X1:15/1		E	2
896105	Engine uppercarr. Cylinder B4 Fly time too small No Check cable / plug / solenoid valve / engine control unit	A750.X1:15/1		E	
896106	Engine uppercarr. Cylinder B4 Fly time too large No Check cable / plug / solenoid valve / engine control unit	A750.X1:15/1		E	0
896107	Engine uppercarr. Cylinder B4 No increase time measured No Replace engine control unit	A750.X1:15/1		E	2
896108	Engine uppercarr. Cylinder B4 Increase time too large No New data set, or replace engine control unit	A750.X1:15/1		E	
896900	Engine uppercarr. Injection system Cylinder error Engine shut off Check cable / plug / solenoid valve / engine control unit	A750		E	2
896901	Engine uppercarr. Injection system Overlap of injection on bank A Engine shut off New data set, or replace engine control unit	A750		E	2
896902	Engine uppercarr. Injection system Overlap of injection on bank B Engine shut off New data set, or replace engine control unit	A750		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
896903	Engine uppercarr. Injection system Short circuit Plus switch after ground on bank A No Check cable / plug / solenoid valve / engine control unit	A750		E	2
896904	Engine uppercarr. Injection system Short circuit Plus switch after ground on bank B No Check cable / plug / solenoid valve / engine control unit	A750		E	2
896905	Engine uppercarr. Injection system Short circuit Plus switch after supply voltage on bank A No Check cable / plug / solenoid valve / engine control unit	A750		E	2
896906	Engine uppercarr. Injection system Short circuit Plus switch after supply voltage on bank B No Check cable / plug / solenoid valve / engine control unit	A750		E	2
896907	Engine uppercarr. Injection system Short circuit Ground switch after ground on bank A at CR-Motor occurs shut off of bank A Check cable / plug / solenoid valve / engine control unit	A750		E	2
896908	Engine uppercarr. Injection system Short circuit Ground switch after ground on bank B at CR-Motor occurs shut off of bank B Check cable / plug / solenoid valve / engine control unit	A750		E	2
896909	Engine uppercarr. Injection system Short circuit Ground switch after supply voltage on bank A No Check cable / plug / solenoid valve / engine control unit	A750		E	2
896910	Engine uppercarr. Injection system Short circuit Ground switch after supply voltage on bank B No Check cable / plug / solenoid valve / engine control unit	A750		E	2
897000	Engine uppercarr. Overspeed RPM sensor 1 Warning threshold exceeded None Check engine op. (excess. speed due to push op.); engine control unit	A750		E	1
897001	Engine uppercarr. Overspeed RPM sensor 2 Warning threshold exceeded None Check engine op. (excess. speed due to push op.); engine control unit	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
897002	Engine uppercarr. Overspeed RPM sensor 1 Safety threshold exceeded Engine shut off Check engine op. (excess. speed due to push op.); engine control unit	A750		E	1
897003	Engine uppercarr. Overspeed RPM sensor 2 Safety threshold exceeded Engine shut off Check engine op. (excess. speed due to push op.); engine control unit	A750		E	1
897100	Engine uppercarr. Synchronization defective Engine start not possible Turn ign. on / off; check RPM and phase sensor	A750		E	1
897101	Engine uppercarr. Synchronization incorrect distance gap<>Phase sensor Engine start not possible Turn ign. on / off; check RPM and phase sensor	A750		E	1
897102	Engine uppercarr. Synchronization Tooth number not correct Engine start not possible Turn ign. on / off; check RPM sensor	A750		E	1
897103	Engine uppercarr. Synchronization not possible, RPM is too low Engine start not possible Turn ign. on / off; check RPM and phase sensor	A750		E	1
897104	Engine uppercarr. Synchronization Index counter camshaft gear erroneous Engine start not possible Turn ign. on / off; check RPM and phase sensor	A750		E	1
897200	Engine uppercarr. RPM sensor 1 failed Emergency shut off at simultaneous failure of redundant sensor 2. Otherwise RPM registration via redundant sensor Check: distance of RPM sensor to flywheel (0.5-2.0 mm); Wiring to RPM sensor; RPM sensor	A750.X1:69/55/41		E	1
897201	Engine uppercarr. RPM sensor 1 does not start Emergency shut off at simultaneous failure of redundant sensor 2. Otherwise RPM registration via redundant sensor Check: distance of RPM sensor to flywheel (0.5-2.0 mm); Wiring to RPM sensor; RPM sensor	A750.X1:69/55/41		E	1
897202	Engine uppercarr. RPM sensor 1 impermissible signal difference (Gradient breach) Emergency shut off at simultaneous failure of redundant sensor 2. Otherwise RPM registration via redundant sensor Test from: distance of RPM sensor to flywheel; flywheel, wiring to RPM sensor; RPM sensor	A750.X1:69/55/41		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
897203	Engine uppercarr. RPM sensor 1 Frequency too high Emergency shut off at simultaneous failure of redundant sensor 2. Otherwise RPM registration via redundant sensor Test from: distance of RPM sensor to flywheel; flywheel, wiring to RPM sensor; RPM sensor	A750.X1:69/55/41		E	1
897204	Engine uppercarr. RPM sensor 1 poled Emergency shut off at simultaneous failure of redundant sensor 2. Otherwise RPM registration via redundant sensor Check RPM sensor inst., engine control unit.	A750.X1:69/55/41		E	1
897205	Engine uppercarr. RPM sensor 1 Value implausible/erroneous Emergency shut off at simultaneous failure of redundant sensor 2. Otherwise RPM registration via redundant sensor Check RPM sensor inst., engine control unit.	A750.X1:69/55/41		E	1
897300	Engine uppercarr. RPM sensor 2 failed Emergency shut off at simultaneous failure of redundant sensor 1. otherwise RPM registration via redundant sensor. Check: distance of RPM sensor to flywheel (0.5-2.0 mm); Wiring to RPM sensor; RPM sensor	A750.X1:68/54/40		E	1
897302	Engine uppercarr. RPM sensor 2 impermissible signal difference (Gradient breach) Emergency shut off at simultaneous failure of redundant sensor 1. otherwise RPM registration via redundant sensor. Check: distance of RPM sensor to flywheel (0.5-2.0 mm); Wiring to RPM sensor; RPM sensor	A750.X1:68/54/40		E	1
897303	Engine uppercarr. RPM sensor 2 Frequency too high Emergency shut off at simultaneous failure of redundant sensor 1. otherwise RPM registration via redundant sensor. Test from: distance of RPM sensor to flywheel; flywheel, wiring to RPM sensor; RPM sensor	A750.X1:68/54/40		E	1
897304	Engine uppercarr. RPM sensor 2 poled Emergency shut off at simultaneous failure of redundant sensor 1. otherwise RPM registration via redundant sensor. Check RPM sensor inst., engine control unit.	A750.X1:68/54/40		E	1
897305	Engine uppercarr. RPM sensor 2 Value implausible/erroneous Emergency shut off at simultaneous failure of redundant sensor 1. otherwise RPM registration via redundant sensor. Check RPM sensor inst., engine control unit.	A750.X1:68/54/40		E	1
897400	Engine uppercarr. Sensor Position camshaft failed Engine start, dep. on configuration, not possible. No effect with engine running Check distance of phase sensor to camshaft gear (0.5-2.0 mm); wiring to phase sensor, phase sensor	A750.X1:70/56/42		E	1
897404	Engine uppercarr. Sensor Position camshaft poled Engine start, dep. on configuration, not possible. No effect with engine running Check: Phase sensor installation, engine control unit	A750.X1:70/56/42		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
897405	Engine uppercarr. Sensor Position camshaft Value implausible/erroneous Emergency shut off at simultaneous failure of redundant sensor (1 or 2). Otherwise RPM reg. via red. sensor Check: Phase sensor installation, engine control unit	A750.X1:70/56/42		E	1
897500	Engine uppercarr. Travel pedal channel 1 Short circuit after ground or line interruption Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground or broken cable)	A750.X2:33/34/35		E	1
897501	Engine uppercarr. Travel pedal channel 1 short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X2:33/34/35		E	1
897502	Engine uppercarr. Travel pedal channel 1 Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:33/34/35		E	1
897503	Engine uppercarr. Travel pedal channel 1 Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X2:33/34/35		E	1
897504	Engine uppercarr. Travel pedal channel 1 Signal outside permissible range (Limit 1) remains in low idle when both travel pedal sensors have failed Check travel pedal sensor 1 for operating range injury. Fix possible mechanical problem	A750.X2:33/34/35		E	1
897505	Engine uppercarr. Travel pedal channel 1 Signal outside permissible range (Limit 2) remains in low idle when both travel pedal sensors have failed Check travel pedal sensor 1 for operating range injury. Fix possible mechanical problem	A750.X2:33/34/35		E	1
897506	Engine uppercarr. Travel pedal channel 1 signal implausible Check travel pedal sensor 2 for operating range injury. Fix possible mechanical problem	A750.X2:33/34/35		E	1
897600	Engine uppercarr. Travel pedal channel 2 Short circuit after ground or line interruption Check travel pedal sensor 2 for operating range injury. Fix possible mechanical problem	A750.X2:47/48/49		E	1
897602	Engine uppercarr. Travel pedal channel 2 Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:47/48/49		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
897603	Engine uppercarr. Travel pedal channel 2 Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X2:47/48/49		E	1
897604	Engine uppercarr. Travel pedal channel 2 Signal outside permissible range (Limit 1) remains in low idle when both travel pedal sensors have failed Check travel pedal sensor 2 for operating range injury. Fix possible mechanical problem	A750.X2:47/48/49		E	1
897605	Engine uppercarr. Travel pedal channel 2 Signal outside permissible range (Limit 2) remains in low idle when both travel pedal sensors have failed Check travel pedal sensor 2 for operating range injury. Fix possible mechanical problem	A750.X2:47/48/49		E	1
897606	Engine uppercarr. Travel pedal channel 2 signal implausible Check travel pedal sensor 2 for operating range injury. Fix possible mechanical problem	A750.X2:47/48/49		E	1
897700	Engine uppercarr. Sensor coolant level Short circuit after ground or line interruption Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground or broken cable)	A750.X2:19/20/21		E	2
897701	Engine uppercarr. Sensor coolant level short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X2:19/20/21		E	2
897702	Engine uppercarr. Sensor coolant level Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:19/20/21		E	2
897703	Engine uppercarr. Sensor coolant level Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X2:19/20/21		E	2
897704	Engine uppercarr. Sensor coolant level Signal outside permissible range (Limit 1) no reaction Check coolant level for operating range injury. Fix possible mechanical problem	A750.X2:19/20/21		E	0
897705	Engine uppercarr. Sensor coolant level Signal outside permissible range (Limit 2) no reaction Check coolant level for operating range injury. Fix possible mechanical problem	A750.X2:19/20/21		E	0

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
897706	Engine uppercarr. Sensor coolant level signal implausible Check sensor, wiring, input on control unit	A750.X2:19/20/21		E	2
897800	Engine uppercarr. Sensor oil level Short circuit after ground or line interruption Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground or broken cable)	A750		E	1
897801	Engine uppercarr. Sensor oil level short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750		E	1
897802	Engine uppercarr. Sensor oil level Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750		E	1
897803	Engine uppercarr. Sensor oil level Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750		E	1
897804	Engine uppercarr. Sensor oil level Signal outside permissible range (Limit 1) no reaction Check oil level for operating range injury. Fix possible mechanical problem	A750		E	1
897805	Engine uppercarr. Sensor oil level Signal outside permissible range (Limit 2) no reaction Check oil level for operating range injury. Fix possible mechanical problem	A750		E	1
897806	Engine uppercarr. Sensor oil level signal implausible Check sensor, wiring, input on control unit	A750		E	1
898300	Engine uppercarr. Sensor air filter contamination 2 Short circuit after ground or line interruption Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground or broken cable)	A750.X1:30/44/58		E	1
898301	Engine uppercarr. Sensor air filter contamination 2 short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:30/44/58		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
898302	Engine uppercarr. Sensor air filter contamination 2 Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:30/44/58		E	1
898303	Engine uppercarr. Sensor air filter contamination 2 Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:30/44/58		E	1
898304	Engine uppercarr. Sensor air filter contamination 2 Signal outside permissible range (Limit 1) no reaction Check air filter pressure sensor 1 for operating range injury. Fix possible mechanical problem	A750.X1:30/44/58		E	0
898305	Engine uppercarr. Sensor air filter contamination 2 Signal outside permissible range (Limit 2) no reaction Check air filter pressure sensor 1 for operating range injury. Fix possible mechanical problem	A750.X1:30/44/58		E	0
898306	Engine uppercarr. Sensor air filter contamination 2 signal implausible Check sensor, wiring, input on control unit	A750.X1:30/44/58		E	1
898400	Engine uppercarr. Sensor charge air pr, Short circuit after ground or line interruption Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground or broken cable)	A750.X1:61/47/33		E	1
898401	Engine uppercarr. Sensor charge air pr, short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:61/47/33		E	1
898402	Engine uppercarr. Sensor charge air pr, Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:61/47/33		E	1
898403	Engine uppercarr. Sensor charge air pr, Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:61/47/33		E	1
898404	Engine uppercarr. Sensor charge air pr, Signal outside permissible range (Limit 1) no reaction Check charge air pressure sensor 2 for operating range injury. Fix possible mechanical problem	A750.X1:61/47/33		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
898405	Engine uppercarr. Sensor charge air pr, Signal outside permissible range (Limit 2) no reaction Check charge air pressure sensor 2 for operating range injury. Fix possible mechanical problem	A750.X1:61/47/33		E	1
898406	Engine uppercarr. Sensor charge air pr, signal implausible Check sensor, wiring, input on control unit	A750.X1:61/47/33		E	1
898500	Engine uppercarr. Sensor oil pr. Short circuit after ground or line interruption Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground or broken cable)	A750.X1:63/49/35		E	2
898501	Engine uppercarr. Sensor oil pr. short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:63/49/35		E	2
898502	Engine uppercarr. Sensor oil pr. Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:63/49/35		E	2
898503	Engine uppercarr. Sensor oil pr. Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:63/49/35		E	2
898504	Engine uppercarr. Sensor oil pr. Signal outside permissible range (Limit 1) no reaction Check oil pressure for operating range injury. Fix possible mechanical problem	A750.X1:63/49/35		E	0
898505	Engine uppercarr. Sensor oil pr. Signal outside permissible range (Limit 2) no reaction Check oil pressure for operating range injury. Fix possible mechanical problem	A750.X1:63/49/35		E	0
898506	Engine uppercarr. Sensor oil pr. signal implausible Check sensor, wiring, input on control unit	A750.X1:63/49/35		E	2
898600	Engine uppercarr. Sensor fuel pr. Short circuit after ground or line interruption Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground or broken cable)	A750.X1:62/48/34		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
898601	Engine uppercarr. Sensor fuel pr. short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:62/48/3 4		E	1
898602	Engine uppercarr. Sensor fuel pr. Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:62/48/3 4		E	1
898603	Engine uppercarr. Sensor fuel pr. Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:62/48/3 4		E	1
898604	Engine uppercarr. Sensor fuel pr. Signal outside permissible range (Limit 1) no reaction Check medium for fuel pressure injury. Fix possible mechanical problem	A750.X1:62/48/3 4		E	1
898605	Engine uppercarr. Sensor fuel pr. Signal outside permissible range (Limit 2) no reaction Check medium for fuel pressure injury. Fix possible mechanical problem	A750.X1:62/48/3 4		E	1
898606	Engine uppercarr. Sensor fuel pr. signal implausible Check sensor, wiring, input on control unit	A750.X1:62/48/3 4		E	1
898700	Engine uppercarr. Sensor Air filter contamination Short circuit after ground or line interruption Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground or broken cable)	A750.X2:5/6/7		E	1
898701	Engine uppercarr. Sensor Air filter contamination short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X2:5/6/7		E	1
898702	Engine uppercarr. Sensor Air filter contamination Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:5/6/7		E	1
898703	Engine uppercarr. Sensor Air filter contamination Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X2:5/6/7		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
898704	Engine uppercarr. Sensor Air filter contamination Signal outside permissible range (Limit 1) no reaction Check air filter pressure sensor 1 for operating range injury. Fix possible mechanical problem	A750.X2:5/6/7		E	0
898705	Engine uppercarr. Sensor Air filter contamination Signal outside permissible range (Limit 2) no reaction Check air filter pressure sensor 1 for operating range injury. Fix possible mechanical problem	A750.X2:5/6/7		E	0
898706	Engine uppercarr. Sensor Air filter contamination signal implausible Check sensor, wiring, input on control unit	A750.X2:5/6/7		E	1
898800	Engine uppercarr. Common Rail Pr. sensor 1 Short circuit after ground or line interruption Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground or broken cable)	A750.X1:60/46/32		E	1
898801	Engine uppercarr. Common Rail Pr. sensor 1 short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:60/46/32		E	1
898802	Engine uppercarr. Common Rail Pr. sensor 1 Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:60/46/32		E	1
898803	Engine uppercarr. Common Rail Pr. sensor 1 Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:60/46/32		E	1
898804	Engine uppercarr. Common Rail Pr. sensor 1 Signal outside permissible range (Limit 1) Performance reduction at failure of both common rail pressure sensors, otherwise no reaction Check Common rail pressure sensor 1 for operating range injury. Fix possible mechanical problem	A750.X1:60/46/32		E	1
898805	Engine uppercarr. Common Rail Pr. sensor 1 Signal outside permissible range (Limit 2) Performance reduction at failure of both common rail pressure sensors, otherwise no reaction Check Common rail pressure sensor 1 for operating range injury. Fix possible mechanical problem	A750.X1:60/46/32		E	1
898806	Engine uppercarr. Common Rail Pr. sensor 1 signal implausible Check sensor, wiring, input on control unit	A750.X1:60/46/32		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
898900	Engine uppercarr. Common Rail Pr. sensor 2 Short circuit after ground or line interruption Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground or broken cable)	A750.X1:59/45/31		E	1
898901	Engine uppercarr. Common Rail Pr. sensor 2 short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:59/45/31		E	1
898902	Engine uppercarr. Common Rail Pr. sensor 2 Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:59/45/31		E	1
898903	Engine uppercarr. Common Rail Pr. sensor 2 Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:59/45/31		E	1
898904	Engine uppercarr. Common Rail Pr. sensor 2 Signal outside permissible range (Limit 1) Performance reduction at failure of both common rail pressure sensors, otherwise no reaction Check Common rail pressure sensor 2 for operating range injury. Fix possible mechanical problem	A750.X1:59/45/31		E	1
898905	Engine uppercarr. Common Rail Pr. sensor 2 Signal outside permissible range (Limit 2) Performance reduction at failure of both common rail pressure sensors, otherwise no reaction Check Common rail pressure sensor 2 for operating range injury. Fix possible mechanical problem	A750.X1:59/45/31		E	1
898906	Engine uppercarr. Common Rail Pr. sensor 2 signal implausible Check sensor, wiring, input on control unit	A750.X1:59/45/31		E	1
899000	Engine uppercarr. Sensor ambient pr. Short circuit after ground or line interruption Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground or broken cable)	A750		E	1
899001	Engine uppercarr. Sensor ambient pr. short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750		E	1
899002	Engine uppercarr. Sensor ambient pr. Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
899003	Engine uppercarr. Sensor ambient pr. Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750		E	1
899004	Engine uppercarr. Sensor ambient pr. Signal outside permissible range (Limit 1) Check sensor, wiring, input on control unit	A750		E	1
899005	Engine uppercarr. Sensor ambient pr. Signal outside permissible range (Limit 2) Check sensor, wiring, input on control unit	A750		E	1
899006	Engine uppercarr. Sensor ambient pr. signal implausible Check sensor, wiring, input on control unit	A750		E	1
899100	Engine uppercarr. Sensor air filter vacuum pressure status 2 short circuit to ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750		E	1
899101	Engine uppercarr. Sensor air filter vacuum pressure status 2 short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Test wiring engine control unit / sensor (short circuit after battery voltage or broken wire)	A750		E	1
899102	Engine uppercarr. Sensor air filter vacuum pressure status 2 Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750		E	1
899103	Engine uppercarr. Sensor air filter vacuum pressure status 2 Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750		E	1
899104	Engine uppercarr. Sensor air filter vacuum pressure status 2 Signal outside permissible range (Limit 1) no reaction Check air filter pressure switch 2 for operating range injury. Fix possible mechanical problem	A750		E	1
899105	Engine uppercarr. Sensor air filter vacuum pressure status 2 Signal outside permissible range (Limit 2) no reaction Check air filter pressure switch 2 for operating range injury. Fix possible mechanical problem	A750		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
899106	Engine uppercarr. Sensor air filter vacuum pressure status 2 Test value not plausible at Motor off Check sensor, wiring, input on control unit	A750		E	1
899200	Engine uppercarr. Sensor air filter sub pressure status short circuit to ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:46/60		E	1
899201	Engine uppercarr. Sensor air filter sub pressure status short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Test wiring engine control unit / sensor (short circuit after battery voltage or broken wire)	A750.X2:46/60		E	1
899202	Engine uppercarr. Sensor air filter sub pressure status Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:46/60		E	1
899203	Engine uppercarr. Sensor air filter sub pressure status Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X2:46/60		E	1
899204	Engine uppercarr. Sensor air filter sub pressure status Signal outside permissible range (Limit 1) no reaction Check air filter pressure switch 1 for operating range injury. Fix possible mechanical problem	A750.X2:46/60		E	1
899205	Engine uppercarr. Sensor air filter sub pressure status Signal outside permissible range (Limit 2) no reaction Check air filter pressure switch 1 for operating range injury. Fix possible mechanical problem	A750.X2:46/60		E	1
899206	Engine uppercarr. Sensor air filter sub pressure status Test value not plausible at Motor off Check sensor, wiring, input on control unit	A750.X2:46/60		E	1
899300	Engine uppercarr. Sensor Water in fuel short circuit to ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:60/46/39/53/57		E	1
899301	Engine uppercarr. Sensor Water in fuel short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Test wiring engine control unit / sensor (short circuit after battery voltage or broken wire)	A750.X2:60/46/39/53/57		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
899302	Engine uppercarr. Sensor Water in fuel Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:60/46/3 9/53/57		E	1
899303	Engine uppercarr. Sensor Water in fuel Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X2:60/46/3 9/53/57		E	1
899304	Engine uppercarr. Sensor Water in fuel Signal outside permissible range (Limit 1) no reaction Check water level sensor for operating range injury. Fix possible mechanical problem	A750.X2:60/46/3 9/53/57		E	1
899305	Engine uppercarr. Sensor Water in fuel Signal outside permissible range (Limit 2) no reaction Check water level sensor for operating range injury. Fix possible mechanical problem	A750.X2:60/46/3 9/53/57		E	1
899306	Engine uppercarr. Sensor Water in fuel Test value not plausible at Motor off Check sensor, wiring, input on control unit	A750.X2:60/46/3 9/53/57		E	1
899400	Engine uppercarr. Sensor Intercooler-Temperature short circuit to ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:46/60/5 3/33/52/3		E	1
899401	Engine uppercarr. Sensor Intercooler-Temperature short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Test wiring engine control unit / sensor (short circuit after battery voltage or broken wire)	A750.X2:46/60/5 3/33/52/3		E	1
899402	Engine uppercarr. Sensor Intercooler-Temperature Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:46/60/5 3/33/52/3		E	1
899403	Engine uppercarr. Sensor Intercooler-Temperature Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X2:46/60/5 3/33/52/3		E	1
899404	Engine uppercarr. Sensor Intercooler-Temperature Signal outside permissible range (Limit 1) no reaction Check exhaust temperature sensor for operating range injury. Fix possible mechanical problem	A750.X2:46/60/5 3/33/52/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
899405	Engine uppercarr. Sensor Intercooler-Temperature Signal outside permissible range (Limit 2) no reaction Check exhaust temperature sensor for operating range injury. Fix possible mechanical problem	A750.X2:46/60/53/33/52/3		E	1
899406	Engine uppercarr. Sensor Intercooler-Temperature Test value not plausible at Motor off Check sensor, wiring, input on control unit	A750.X2:46/60/53/33/52/3		E	1
899500	Engine uppercarr. Oil temperature sensor short circuit to ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:46/60		E	1
899501	Engine uppercarr. Oil temperature sensor short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Test wiring engine control unit / sensor (short circuit after battery voltage or broken wire)	A750.X2:46/60		E	1
899502	Engine uppercarr. Oil temperature sensor Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X2:46/60		E	1
899503	Engine uppercarr. Oil temperature sensor Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X2:46/60		E	1
899504	Engine uppercarr. Oil temperature sensor Signal outside permissible range (Limit 1) no reaction Check oil temperature sensor for operating range injury. Fix possible mechanical problem	A750.X2:46/60		E	1
899505	Engine uppercarr. Oil temperature sensor Signal outside permissible range (Limit 2) no reaction Check oil temperature sensor for operating range injury. Fix possible mechanical problem	A750.X2:46/60		E	1
899506	Engine uppercarr. Oil temperature sensor Test value not plausible at Motor off Check sensor, wiring, input on control unit	A750.X2:46/60		E	1
899600	Engine uppercarr. Sensor fuel temperature short circuit to ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:38/52		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
899601	Engine uppercarr. Sensor fuel temperature short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Test wiring engine control unit / sensor (short circuit after battery voltage or broken wire)	A750.X1:38/52		E	1
899602	Engine uppercarr. Sensor fuel temperature Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:38/52		E	1
899603	Engine uppercarr. Sensor fuel temperature Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:38/52		E	1
899604	Engine uppercarr. Sensor fuel temperature Signal outside permissible range (Limit 1) Performance reduction Check fuel temperature sensor for operating range injury. Fix possible mechanical problem	A750.X1:38/52		E	1
899605	Engine uppercarr. Sensor fuel temperature Signal outside permissible range (Limit 2) Performance reduction Check fuel temperature sensor for operating range injury. Fix possible mechanical problem	A750.X1:38/52		E	1
899606	Engine uppercarr. Sensor fuel temperature Test value not plausible at Motor off Check sensor, wiring, input on control unit	A750.X1:38/52		E	1
899700	Engine uppercarr. Sensor charge air temperature short circuit to ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:36/50/38/52		E	1
899701	Engine uppercarr. Sensor charge air temperature short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Test wiring engine control unit / sensor (short circuit after battery voltage or broken wire)	A750.X1:36/50/38/52		E	1
899702	Engine uppercarr. Sensor charge air temperature Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:36/50/38/52		E	1
899703	Engine uppercarr. Sensor charge air temperature Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:36/50/38/52		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
899704	Engine uppercarr. Sensor charge air temperature Signal outside permissible range (Limit 1) Performance reduction Check charge air temperature sensor for operating range injury. Fix possible mechanical problem	A750.X1:36/50/38/52		E	0
899705	Engine uppercarr. Sensor charge air temperature Signal outside permissible range (Limit 2) Performance reduction Check charge air temperature sensor for operating range injury. Fix possible mechanical problem	A750.X1:36/50/38/52		E	0
899706	Engine uppercarr. Sensor charge air temperature Test value not plausible at Motor off Check sensor, wiring, input on control unit	A750.X1:36/50/38/52		E	1
899800	Engine uppercarr. Sensor coolant temperature short circuit to ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:51/37		E	2
899801	Engine uppercarr. Sensor coolant temperature short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Test wiring engine control unit / sensor (short circuit after battery voltage or broken wire)	A750.X1:51/37		E	2
899802	Engine uppercarr. Sensor coolant temperature Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750.X1:51/37		E	2
899803	Engine uppercarr. Sensor coolant temperature Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750.X1:51/37		E	2
899804	Engine uppercarr. Sensor coolant temperature Signal outside permissible range (Limit 1) Performance reduction Check coolant temperature sensor for operating range injury. Fix possible mechanical problem.	A750.X1:51/37		E	0
899805	Engine uppercarr. Sensor coolant temperature Signal outside permissible range (Limit 2) Performance reduction Check coolant temperature sensor for operating range injury. Fix possible mechanical problem.	A750.X1:51/37		E	0
899806	Engine uppercarr. Sensor coolant temperature Test value not plausible at Motor off Check sensor, wiring, input on control unit	A750.X1:51/37		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
899900	Engine uppercarr. Sensor internal temperature short circuit to ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750		E	1
899901	Engine uppercarr. Sensor internal temperature short circuit to supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Test wiring engine control unit / sensor (short circuit after battery voltage or broken wire)	A750		E	1
899902	Engine uppercarr. Sensor internal temperature Supply voltage Short circuit after ground Sensor default value is used. Error disappears, if test values are again in defined range Check wiring engine control unit/Sensor (Short circuit after ground)	A750		E	1
899903	Engine uppercarr. Sensor internal temperature Supply voltage Short circuit after supply voltage Sensor default value is used. Error disappears, if test values are again in defined range Check wiring of engine control unit/Sensor (Short circuit after battery voltage)	A750		E	1
899904	Engine uppercarr. Sensor internal temperature Signal outside permissible range (Limit 1) no reaction Check internal temperature for operating range injury. Fix possible mechanical problem	A750		E	1
899905	Engine uppercarr. Sensor internal temperature Signal outside permissible range (Limit 2) no reaction Check internal temperature for operating range injury. Fix possible mechanical problem	A750		E	1
899906	Engine uppercarr. Sensor internal temperature Test value not plausible at Motor off Check sensor, wiring, input on control unit	A750		E	1
990011	CAN-Valve: Y250 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y250:X1:2/3		E	1
990012	CAN-Valve: Y250 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y250:X1:2/3		E	1
990013	CAN-Valve: Y250 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y250:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990014	CAN-Valve: Y250 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y250:X1:2/3		E	1
990015	CAN-Valve: Y250 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y250:X1:2/3		E	1
990016	CAN-Valve: Y250 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y250:X1:2/3		E	1
990017	CAN-Valve: Y250 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y250:X1:2/3		E	1
990018	CAN-Valve: Y250 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y250:X1:2/3		E	1
990019	CAN-Valve: Y250 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y250:X1:2/3		E	1
990021	CAN-Valve: Y250 Supply voltage below 9V Output of error Check supply voltage	Y250:X1:2/3		E	1
990022	CAN-Valve: Y250 Supply voltage above 32V Output of error Check supply voltage	Y250:X1:2/3		E	1
990023	CAN-Valve: Y250 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y250:X1:2/3		E	1
990024	CAN-Valve: Y250 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y250:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990025	CAN-Valve: Y250 Error due to emerg. off by operator Output of error Check master device	Y250:X1:2/3		E	1
990026	CAN-Valve: Y250 Power reduction due to excessive temperature Output of error Check oil temperature	Y250:X1:2/3		E	1
990027	CAN-Valve: Y250 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y250:X1:2/3		E	1
990028	CAN-Valve: Y250 External Sensor Signal 1 Error Output of error Check external sensor	Y250:X1:2/3		E	1
990029	CAN-Valve: Y250 External Sensor Signal 2 Error Output of error Check external sensor	Y250:X1:2/3		E	1
990031	CAN-Valve: Y250 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y250:X1:2/3		E	1
990032	CAN-Valve: Y250 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y250:X1:2/3		E	1
990033	CAN-Valve: Y250 Slide deflected too short Output of error Check valve, check oil supply	Y250:X1:2/3		E	1
990034	CAN-Valve: Y250 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y250:X1:2/3		E	1
990035	CAN-Valve: Y250 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y250:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990036	CAN-Valve: Y250 Manual actuation Output of error Check manual activation on valve	Y250:X1:2/3		B	1
990039	CAN-Valve: Y250 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y250:X1:2/3		E	1
990041	CAN-Valve: Y250 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y250:X1:2/3		E	1
990042	CAN-Valve: Y250 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y250:X1:2/3		E	1
990043	CAN-Valve: Y250 Position error Issue of error, valve in neutral position Replace valve	Y250:X1:2/3		E	1
990044	CAN-Valve: Y250 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y250:X1:2/3		E	1
990045	CAN-Valve: Y250 Monitor inactive Issue of error, valve in neutral position Contact Service	Y250:X1:2/3		E	1
990046	CAN-Valve: Y250 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y250:X1:2/3		E	1
990047	CAN-Valve: Y250 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y250:X1:2/3		E	1
990048	CAN-Valve: Y250 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y250:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990049	CAN-Valve: Y250 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y250:X1:2/3		E	1
990051	CAN-Valve: Y250 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y250:X1:2/3		E	1
990052	CAN-Valve: Y250 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y250:X1:2/3		E	1
990053	CAN-Valve: Y250 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y250:X1:2/3		E	1
990054	CAN-Valve: Y250 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y250:X1:2/3		E	1
990055	CAN-Valve: Y250 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y250:X1:2/3		E	1
990056	CAN-Valve: Y250 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y250:X1:2/3		E	1
990057	CAN-Valve: Y250 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y250:X1:2/3		E	1
990058	CAN-Valve: Y250 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y250:X1:2/3		E	1
990059	CAN-Valve: Y250 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y250:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990061	CAN-Valve: Y250 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y250:X1:2/3		E	1
990081	CAN-Valve: Y250 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y250:X1:2/3		E	1
990082	CAN-Valve: Y250 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y250:X1:2/3		E	1
990083	CAN-Valve: Y250 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y250:X1:2/3		E	1
990084	CAN-Valve: Y250 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y250:X1:2/3		E	1
990091	CAN-Valve: Y250 General program error Issue of error, Stop oil supply Replace valve	Y250:X1:2/3		E	1
9900D0	CAN-Valve: Y250 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y250:X1:2/3		E	1
9900D1	CAN-Valve: Y250 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y250:X1:2/3		E	1
9900D2	CAN-Valve: Y250 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y250:X1:2/3		E	1
9900D7	CAN-Valve: Y250 CAN-communication with BTB4 erroneous	Y250:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990111	CAN-Valve: Y251 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y251:X1:2/3		E	1
990112	CAN-Valve: Y251 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y251:X1:2/3		E	1
990113	CAN-Valve: Y251 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y251:X1:2/3		E	1
990114	CAN-Valve: Y251 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y251:X1:2/3		E	1
990115	CAN-Valve: Y251 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y251:X1:2/3		E	1
990116	CAN-Valve: Y251 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y251:X1:2/3		E	1
990117	CAN-Valve: Y251 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y251:X1:2/3		E	1
990118	CAN-Valve: Y251 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y251:X1:2/3		E	1
990119	CAN-Valve: Y251 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y251:X1:2/3		E	1
990121	CAN-Valve: Y251 Supply voltage below 9V Output of error Check supply voltage	Y251:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990122	CAN-Valve: Y251 Supply voltage above 32V Output of error Check supply voltage	Y251:X1:2/3		E	1
990123	CAN-Valve: Y251 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y251:X1:2/3		E	1
990124	CAN-Valve: Y251 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y251:X1:2/3		E	1
990125	CAN-Valve: Y251 Error due to emerg. off by operator Output of error Check master device	Y251:X1:2/3		E	1
990126	CAN-Valve: Y251 Power reduction due to excessive temperature Output of error Check oil temperature	Y251:X1:2/3		E	1
990127	CAN-Valve: Y251 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y251:X1:2/3		E	1
990128	CAN-Valve: Y251 External Sensor Signal 1 Error Output of error Check external sensor	Y251:X1:2/3		E	1
990129	CAN-Valve: Y251 External Sensor Signal 2 Error Output of error Check external sensor	Y251:X1:2/3		E	1
990131	CAN-Valve: Y251 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y251:X1:2/3		E	1
990132	CAN-Valve: Y251 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y251:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990133	CAN-Valve: Y251 Slide deflected too short Output of error Check valve, check oil supply	Y251:X1:2/3		E	1
990134	CAN-Valve: Y251 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y251:X1:2/3		E	1
990135	CAN-Valve: Y251 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y251:X1:2/3		E	1
990136	CAN-Valve: Y251 Manual actuation Output of error Check manual activation on valve	Y251:X1:2/3		B	1
990139	CAN-Valve: Y251 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y251:X1:2/3		E	1
990141	CAN-Valve: Y251 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y251:X1:2/3		E	1
990142	CAN-Valve: Y251 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y251:X1:2/3		E	1
990143	CAN-Valve: Y251 Position error Issue of error, valve in neutral position Replace valve	Y251:X1:2/3		E	1
990144	CAN-Valve: Y251 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y251:X1:2/3		E	1
990145	CAN-Valve: Y251 Monitor inactive Issue of error, valve in neutral position Contact Service	Y251:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990146	CAN-Valve: Y251 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y251:X1:2/3		E	1
990147	CAN-Valve: Y251 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y251:X1:2/3		E	1
990148	CAN-Valve: Y251 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y251:X1:2/3		E	1
990149	CAN-Valve: Y251 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y251:X1:2/3		E	1
990151	CAN-Valve: Y251 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y251:X1:2/3		E	1
990152	CAN-Valve: Y251 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y251:X1:2/3		E	1
990153	CAN-Valve: Y251 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y251:X1:2/3		E	1
990154	CAN-Valve: Y251 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y251:X1:2/3		E	1
990155	CAN-Valve: Y251 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y251:X1:2/3		E	1
990156	CAN-Valve: Y251 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y251:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990157	CAN-Valve: Y251 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y251:X1:2/3		E	1
990158	CAN-Valve: Y251 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y251:X1:2/3		E	1
990159	CAN-Valve: Y251 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y251:X1:2/3		E	1
990161	CAN-Valve: Y251 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y251:X1:2/3		E	1
990181	CAN-Valve: Y251 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y251:X1:2/3		E	1
990182	CAN-Valve: Y251 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y251:X1:2/3		E	1
990183	CAN-Valve: Y251 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y251:X1:2/3		E	1
990184	CAN-Valve: Y251 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y251:X1:2/3		E	1
990191	CAN-Valve: Y251 General program error Issue of error, Stop oil supply Replace valve	Y251:X1:2/3		E	1
9901D0	CAN-Valve: Y251 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y251:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
9901D1	CAN-Valve: Y251 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y251:X1:2/3		E	1
9901D2	CAN-Valve: Y251 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y251:X1:2/3		E	1
9901D7	CAN-Valve: Y251 CAN-communication with BTB4 erroneous	Y251:X1:2/3		E	1
990211	CAN-Valve: Y252 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y252:X1:2/3		E	1
990212	CAN-Valve: Y252 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y252:X1:2/3		E	1
990213	CAN-Valve: Y252 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y252:X1:2/3		E	1
990214	CAN-Valve: Y252 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y252:X1:2/3		E	1
990215	CAN-Valve: Y252 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y252:X1:2/3		E	1
990216	CAN-Valve: Y252 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y252:X1:2/3		E	1
990217	CAN-Valve: Y252 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y252:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990218	CAN-Valve: Y252 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y252:X1:2/3		E	1
990219	CAN-Valve: Y252 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y252:X1:2/3		E	1
990221	CAN-Valve: Y252 Supply voltage below 9V Output of error Check supply voltage	Y252:X1:2/3		E	1
990222	CAN-Valve: Y252 Supply voltage above 32V Output of error Check supply voltage	Y252:X1:2/3		E	1
990223	CAN-Valve: Y252 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y252:X1:2/3		E	1
990224	CAN-Valve: Y252 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y252:X1:2/3		E	1
990225	CAN-Valve: Y252 Error due to emerg. off by operator Output of error Check master device	Y252:X1:2/3		E	1
990226	CAN-Valve: Y252 Power reduction due to excessive temperature Output of error Check oil temperature	Y252:X1:2/3		E	1
990227	CAN-Valve: Y252 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y252:X1:2/3		E	1
990228	CAN-Valve: Y252 External Sensor Signal 1 Error Output of error Check external sensor	Y252:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990229	CAN-Valve: Y252 External Sensor Signal 2 Error Output of error Check external sensor	Y252:X1:2/3		E	1
990231	CAN-Valve: Y252 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y252:X1:2/3		E	1
990232	CAN-Valve: Y252 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y252:X1:2/3		E	1
990233	CAN-Valve: Y252 Slide deflected too short Output of error Check valve, check oil supply	Y252:X1:2/3		E	1
990234	CAN-Valve: Y252 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y252:X1:2/3		E	1
990235	CAN-Valve: Y252 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y252:X1:2/3		E	1
990236	CAN-Valve: Y252 Manual actuation Output of error Check manual activation on valve	Y252:X1:2/3		B	1
990239	CAN-Valve: Y252 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y252:X1:2/3		E	1
990241	CAN-Valve: Y252 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y252:X1:2/3		E	1
990242	CAN-Valve: Y252 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y252:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990243	CAN-Valve: Y252 Position error Issue of error, valve in neutral position Replace valve	Y252:X1:2/3		E	1
990244	CAN-Valve: Y252 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y252:X1:2/3		E	1
990245	CAN-Valve: Y252 Monitor inactive Issue of error, valve in neutral position Contact Service	Y252:X1:2/3		E	1
990246	CAN-Valve: Y252 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y252:X1:2/3		E	1
990247	CAN-Valve: Y252 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y252:X1:2/3		E	1
990248	CAN-Valve: Y252 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y252:X1:2/3		E	1
990249	CAN-Valve: Y252 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y252:X1:2/3		E	1
990251	CAN-Valve: Y252 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y252:X1:2/3		E	1
990252	CAN-Valve: Y252 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y252:X1:2/3		E	1
990253	CAN-Valve: Y252 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y252:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990254	CAN-Valve: Y252 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y252:X1:2/3		E	1
990255	CAN-Valve: Y252 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y252:X1:2/3		E	1
990256	CAN-Valve: Y252 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y252:X1:2/3		E	1
990257	CAN-Valve: Y252 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y252:X1:2/3		E	1
990258	CAN-Valve: Y252 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y252:X1:2/3		E	1
990259	CAN-Valve: Y252 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y252:X1:2/3		E	1
990261	CAN-Valve: Y252 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y252:X1:2/3		E	1
990281	CAN-Valve: Y252 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y252:X1:2/3		E	1
990282	CAN-Valve: Y252 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y252:X1:2/3		E	1
990283	CAN-Valve: Y252 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y252:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990284	CAN-Valve: Y252 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y252:X1:2/3		E	1
990291	CAN-Valve: Y252 General program error Issue of error, Stop oil supply Replace valve	Y252:X1:2/3		E	1
9902D0	CAN-Valve: Y252 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y252:X1:2/3		E	1
9902D1	CAN-Valve: Y252 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y252:X1:2/3		E	1
9902D2	CAN-Valve: Y252 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y252:X1:2/3		E	1
9902D7	CAN-Valve: Y252 CAN-communication with BTB4 erroneous	Y252:X1:2/3		E	1
990311	CAN-Valve: Y253 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y253:X1:2/3		E	1
990312	CAN-Valve: Y253 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y253:X1:2/3		E	1
990313	CAN-Valve: Y253 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y253:X1:2/3		E	1
990314	CAN-Valve: Y253 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y253:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990315	CAN-Valve: Y253 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y253:X1:2/3		E	1
990316	CAN-Valve: Y253 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y253:X1:2/3		E	1
990317	CAN-Valve: Y253 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y253:X1:2/3		E	1
990318	CAN-Valve: Y253 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y253:X1:2/3		E	1
990319	CAN-Valve: Y253 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y253:X1:2/3		E	1
990321	CAN-Valve: Y253 Supply voltage below 9V Output of error Check supply voltage	Y253:X1:2/3		E	1
990322	CAN-Valve: Y253 Supply voltage above 32V Output of error Check supply voltage	Y253:X1:2/3		E	1
990323	CAN-Valve: Y253 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y253:X1:2/3		E	1
990324	CAN-Valve: Y253 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y253:X1:2/3		E	1
990325	CAN-Valve: Y253 Error due to emerg. off by operator Output of error Check master device	Y253:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990326	CAN-Valve: Y253 Power reduction due to excessive temperature Output of error Check oil temperature	Y253:X1:2/3		E	1
990327	CAN-Valve: Y253 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y253:X1:2/3		E	1
990328	CAN-Valve: Y253 External Sensor Signal 1 Error Output of error Check external sensor	Y253:X1:2/3		E	1
990329	CAN-Valve: Y253 External Sensor Signal 2 Error Output of error Check external sensor	Y253:X1:2/3		E	1
990331	CAN-Valve: Y253 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y253:X1:2/3		E	1
990332	CAN-Valve: Y253 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y253:X1:2/3		E	1
990333	CAN-Valve: Y253 Slide deflected too short Output of error Check valve, check oil supply	Y253:X1:2/3		E	1
990334	CAN-Valve: Y253 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y253:X1:2/3		E	1
990335	CAN-Valve: Y253 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y253:X1:2/3		E	1
990336	CAN-Valve: Y253 Manual actuation Output of error Check manual activation on valve	Y253:X1:2/3		B	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990339	CAN-Valve: Y253 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y253:X1:2/3		E	1
990341	CAN-Valve: Y253 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y253:X1:2/3		E	1
990342	CAN-Valve: Y253 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y253:X1:2/3		E	1
990343	CAN-Valve: Y253 Position error Issue of error, valve in neutral position Replace valve	Y253:X1:2/3		E	1
990344	CAN-Valve: Y253 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y253:X1:2/3		E	1
990345	CAN-Valve: Y253 Monitor inactive Issue of error, valve in neutral position Contact Service	Y253:X1:2/3		E	1
990346	CAN-Valve: Y253 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y253:X1:2/3		E	1
990347	CAN-Valve: Y253 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y253:X1:2/3		E	1
990348	CAN-Valve: Y253 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y253:X1:2/3		E	1
990349	CAN-Valve: Y253 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y253:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990351	CAN-Valve: Y253 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y253:X1:2/3		E	1
990352	CAN-Valve: Y253 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y253:X1:2/3		E	1
990353	CAN-Valve: Y253 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y253:X1:2/3		E	1
990354	CAN-Valve: Y253 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y253:X1:2/3		E	1
990355	CAN-Valve: Y253 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y253:X1:2/3		E	1
990356	CAN-Valve: Y253 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y253:X1:2/3		E	1
990357	CAN-Valve: Y253 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y253:X1:2/3		E	1
990358	CAN-Valve: Y253 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y253:X1:2/3		E	1
990359	CAN-Valve: Y253 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y253:X1:2/3		E	1
990361	CAN-Valve: Y253 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y253:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990381	CAN-Valve: Y253 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y253:X1:2/3		E	1
990382	CAN-Valve: Y253 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y253:X1:2/3		E	1
990383	CAN-Valve: Y253 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y253:X1:2/3		E	1
990384	CAN-Valve: Y253 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y253:X1:2/3		E	1
990391	CAN-Valve: Y253 General program error Issue of error, Stop oil supply Replace valve	Y253:X1:2/3		E	1
9903D0	CAN-Valve: Y253 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y253:X1:2/3		E	1
9903D1	CAN-Valve: Y253 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y253:X1:2/3		E	1
9903D2	CAN-Valve: Y253 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y253:X1:2/3		E	1
9903D7	CAN-Valve: Y253 CAN-communication with BTB4 erroneous	Y253:X1:2/3		E	1
990A11	CAN-Valve: Y230 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y230:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990A12	CAN-Valve: Y230 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y230:X1:2/3		E	1
990A13	CAN-Valve: Y230 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y230:X1:2/3		E	1
990A14	CAN-Valve: Y230 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y230:X1:2/3		E	1
990A15	CAN-Valve: Y230 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y230:X1:2/3		E	1
990A16	CAN-Valve: Y230 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y230:X1:2/3		E	1
990A17	CAN-Valve: Y230 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y230:X1:2/3		E	1
990A18	CAN-Valve: Y230 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y230:X1:2/3		E	1
990A19	CAN-Valve: Y230 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y230:X1:2/3		E	1
990A21	CAN-Valve: Y230 Supply voltage below 9V Output of error Check supply voltage	Y230:X1:2/3		E	1
990A22	CAN-Valve: Y230 Supply voltage above 32V Output of error Check supply voltage	Y230:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990A23	CAN-Valve: Y230 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y230:X1:2/3		E	1
990A24	CAN-Valve: Y230 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y230:X1:2/3		E	1
990A25	CAN-Valve: Y230 Error due to emerg. off by operator Output of error Check master device	Y230:X1:2/3		E	1
990A26	CAN-Valve: Y230 Power reduction due to excessive temperature Output of error Check oil temperature	Y230:X1:2/3		E	1
990A27	CAN-Valve: Y230 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y230:X1:2/3		E	1
990A28	CAN-Valve: Y230 External Sensor Signal 1 Error Output of error Check external sensor	Y230:X1:2/3		E	1
990A29	CAN-Valve: Y230 External Sensor Signal 2 Error Output of error Check external sensor	Y230:X1:2/3		E	1
990A31	CAN-Valve: Y230 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y230:X1:2/3		E	1
990A32	CAN-Valve: Y230 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y230:X1:2/3		E	1
990A33	CAN-Valve: Y230 Slide deflected too short Output of error Check valve, check oil supply	Y230:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990A34	CAN-Valve: Y230 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y230:X1:2/3		E	1
990A35	CAN-Valve: Y230 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y230:X1:2/3		E	1
990A36	CAN-Valve: Y230 Manual actuation Output of error Check manual activation on valve	Y230:X1:2/3		B	1
990A39	CAN-Valve: Y230 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y230:X1:2/3		E	1
990A41	CAN-Valve: Y230 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y230:X1:2/3		E	1
990A42	CAN-Valve: Y230 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y230:X1:2/3		E	1
990A43	CAN-Valve: Y230 Position error Issue of error, valve in neutral position Replace valve	Y230:X1:2/3		E	1
990A44	CAN-Valve: Y230 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y230:X1:2/3		E	1
990A45	CAN-Valve: Y230 Monitor inactive Issue of error, valve in neutral position Contact Service	Y230:X1:2/3		E	1
990A46	CAN-Valve: Y230 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y230:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990A47	CAN-Valve: Y230 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y230:X1:2/3		E	1
990A48	CAN-Valve: Y230 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y230:X1:2/3		E	1
990A49	CAN-Valve: Y230 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y230:X1:2/3		E	1
990A51	CAN-Valve: Y230 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y230:X1:2/3		E	1
990A52	CAN-Valve: Y230 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y230:X1:2/3		E	1
990A53	CAN-Valve: Y230 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y230:X1:2/3		E	1
990A54	CAN-Valve: Y230 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y230:X1:2/3		E	1
990A55	CAN-Valve: Y230 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y230:X1:2/3		E	1
990A56	CAN-Valve: Y230 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y230:X1:2/3		E	1
990A57	CAN-Valve: Y230 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y230:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990A58	CAN-Valve: Y230 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y230:X1:2/3		E	1
990A59	CAN-Valve: Y230 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y230:X1:2/3		E	1
990A61	CAN-Valve: Y230 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y230:X1:2/3		E	1
990A81	CAN-Valve: Y230 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y230:X1:2/3		E	1
990A82	CAN-Valve: Y230 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y230:X1:2/3		E	1
990A83	CAN-Valve: Y230 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y230:X1:2/3		E	1
990A84	CAN-Valve: Y230 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y230:X1:2/3		E	1
990A91	CAN-Valve: Y230 General program error Issue of error, Stop oil supply Replace valve	Y230:X1:2/3		E	1
990AD0	CAN-Valve: Y230 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y230:X1:2/3		E	1
990AD1	CAN-Valve: Y230 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y230:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990AD2	CAN-Valve: Y230 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y230:X1:2/3		E	1
990AD7	CAN-Valve: Y230 CAN-communication with BTB4 erroneous	Y230:X1:2/3		E	1
990B11	CAN-Valve: Y231 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y231:X1:2/3		E	1
990B12	CAN-Valve: Y231 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y231:X1:2/3		E	1
990B13	CAN-Valve: Y231 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y231:X1:2/3		E	1
990B14	CAN-Valve: Y231 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y231:X1:2/3		E	1
990B15	CAN-Valve: Y231 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y231:X1:2/3		E	1
990B16	CAN-Valve: Y231 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y231:X1:2/3		E	1
990B17	CAN-Valve: Y231 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y231:X1:2/3		E	1
990B18	CAN-Valve: Y231 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y231:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990B19	CAN-Valve: Y231 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y231:X1:2/3		E	1
990B21	CAN-Valve: Y231 Supply voltage below 9V Output of error Check supply voltage	Y231:X1:2/3		E	1
990B22	CAN-Valve: Y231 Supply voltage above 32V Output of error Check supply voltage	Y231:X1:2/3		E	1
990B23	CAN-Valve: Y231 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y231:X1:2/3		E	1
990B24	CAN-Valve: Y231 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y231:X1:2/3		E	1
990B25	CAN-Valve: Y231 Error due to emerg. off by operator Output of error Check master device	Y231:X1:2/3		E	1
990B26	CAN-Valve: Y231 Power reduction due to excessive temperature Output of error Check oil temperature	Y231:X1:2/3		E	1
990B27	CAN-Valve: Y231 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y231:X1:2/3		E	1
990B28	CAN-Valve: Y231 External Sensor Signal 1 Error Output of error Check external sensor	Y231:X1:2/3		E	1
990B29	CAN-Valve: Y231 External Sensor Signal 2 Error Output of error Check external sensor	Y231:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990B31	CAN-Valve: Y231 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y231:X1:2/3		E	1
990B32	CAN-Valve: Y231 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y231:X1:2/3		E	1
990B33	CAN-Valve: Y231 Slide deflected too short Output of error Check valve, check oil supply	Y231:X1:2/3		E	1
990B34	CAN-Valve: Y231 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y231:X1:2/3		E	1
990B35	CAN-Valve: Y231 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y231:X1:2/3		E	1
990B36	CAN-Valve: Y231 Manual actuation Output of error Check manual activation on valve	Y231:X1:2/3		B	1
990B39	CAN-Valve: Y231 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y231:X1:2/3		E	1
990B41	CAN-Valve: Y231 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y231:X1:2/3		E	1
990B42	CAN-Valve: Y231 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y231:X1:2/3		E	1
990B43	CAN-Valve: Y231 Position error Issue of error, valve in neutral position Replace valve	Y231:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990B44	CAN-Valve: Y231 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y231:X1:2/3		E	1
990B45	CAN-Valve: Y231 Monitor inactive Issue of error, valve in neutral position Contact Service	Y231:X1:2/3		E	1
990B46	CAN-Valve: Y231 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y231:X1:2/3		E	1
990B47	CAN-Valve: Y231 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y231:X1:2/3		E	1
990B48	CAN-Valve: Y231 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y231:X1:2/3		E	1
990B49	CAN-Valve: Y231 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y231:X1:2/3		E	1
990B51	CAN-Valve: Y231 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y231:X1:2/3		E	1
990B52	CAN-Valve: Y231 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y231:X1:2/3		E	1
990B53	CAN-Valve: Y231 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y231:X1:2/3		E	1
990B54	CAN-Valve: Y231 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y231:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990B55	CAN-Valve: Y231 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y231:X1:2/3		E	1
990B56	CAN-Valve: Y231 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y231:X1:2/3		E	1
990B57	CAN-Valve: Y231 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y231:X1:2/3		E	1
990B58	CAN-Valve: Y231 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y231:X1:2/3		E	1
990B59	CAN-Valve: Y231 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y231:X1:2/3		E	1
990B61	CAN-Valve: Y231 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y231:X1:2/3		E	1
990B81	CAN-Valve: Y231 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y231:X1:2/3		E	1
990B82	CAN-Valve: Y231 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y231:X1:2/3		E	1
990B83	CAN-Valve: Y231 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y231:X1:2/3		E	1
990B84	CAN-Valve: Y231 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y231:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
990B91	CAN-Valve: Y231 General program error Issue of error, Stop oil supply Replace valve	Y231:X1:2/3		E	1
990BD0	CAN-Valve: Y231 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y231:X1:2/3		E	1
990BD1	CAN-Valve: Y231 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y231:X1:2/3		E	1
990BD2	CAN-Valve: Y231 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y231:X1:2/3		E	1
990BD7	CAN-Valve: Y231 CAN-communication with BTB4 erroneous	Y231:X1:2/3		E	1
992111	CAN-Valve: Y271 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y271:X1:2/3		E	1
992112	CAN-Valve: Y271 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y271:X1:2/3		E	1
992113	CAN-Valve: Y271 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y271:X1:2/3		E	1
992114	CAN-Valve: Y271 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y271:X1:2/3		E	1
992115	CAN-Valve: Y271 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y271:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992116	CAN-Valve: Y271 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y271:X1:2/3		E	1
992117	CAN-Valve: Y271 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y271:X1:2/3		E	1
992118	CAN-Valve: Y271 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y271:X1:2/3		E	1
992119	CAN-Valve: Y271 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y271:X1:2/3		E	1
992121	CAN-Valve: Y271 Supply voltage below 9V Output of error Check supply voltage	Y271:X1:2/3		E	1
992122	CAN-Valve: Y271 Supply voltage above 32V Output of error Check supply voltage	Y271:X1:2/3		E	1
992123	CAN-Valve: Y271 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y271:X1:2/3		E	1
992124	CAN-Valve: Y271 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y271:X1:2/3		E	1
992125	CAN-Valve: Y271 Error due to emerg. off by operator Output of error Check master device	Y271:X1:2/3		E	1
992126	CAN-Valve: Y271 Power reduction due to excessive temperature Output of error Check oil temperature	Y271:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992127	CAN-Valve: Y271 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y271:X1:2/3		E	1
992128	CAN-Valve: Y271 External Sensor Signal 1 Error Output of error Check external sensor	Y271:X1:2/3		E	1
992129	CAN-Valve: Y271 External Sensor Signal 2 Error Output of error Check external sensor	Y271:X1:2/3		E	1
992131	CAN-Valve: Y271 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y271:X1:2/3		E	1
992132	CAN-Valve: Y271 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y271:X1:2/3		E	1
992133	CAN-Valve: Y271 Slide deflected too short Output of error Check valve, check oil supply	Y271:X1:2/3		E	1
992134	CAN-Valve: Y271 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y271:X1:2/3		E	1
992135	CAN-Valve: Y271 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y271:X1:2/3		E	1
992136	CAN-Valve: Y271 Manual actuation Output of error Check manual activation on valve	Y271:X1:2/3		B	1
992139	CAN-Valve: Y271 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y271:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992141	CAN-Valve: Y271 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y271:X1:2/3		E	1
992142	CAN-Valve: Y271 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y271:X1:2/3		E	1
992143	CAN-Valve: Y271 Position error Issue of error, valve in neutral position Replace valve	Y271:X1:2/3		E	1
992144	CAN-Valve: Y271 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y271:X1:2/3		E	1
992145	CAN-Valve: Y271 Monitor inactive Issue of error, valve in neutral position Contact Service	Y271:X1:2/3		E	1
992146	CAN-Valve: Y271 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y271:X1:2/3		E	1
992147	CAN-Valve: Y271 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y271:X1:2/3		E	1
992148	CAN-Valve: Y271 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y271:X1:2/3		E	1
992149	CAN-Valve: Y271 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y271:X1:2/3		E	1
992151	CAN-Valve: Y271 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y271:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992152	CAN-Valve: Y271 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y271:X1:2/3		E	1
992153	CAN-Valve: Y271 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y271:X1:2/3		E	1
992154	CAN-Valve: Y271 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y271:X1:2/3		E	1
992155	CAN-Valve: Y271 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y271:X1:2/3		E	1
992156	CAN-Valve: Y271 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y271:X1:2/3		E	1
992157	CAN-Valve: Y271 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y271:X1:2/3		E	1
992158	CAN-Valve: Y271 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y271:X1:2/3		E	1
992159	CAN-Valve: Y271 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y271:X1:2/3		E	1
992161	CAN-Valve: Y271 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y271:X1:2/3		E	1
992181	CAN-Valve: Y271 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y271:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992182	CAN-Valve: Y271 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y271:X1:2/3		E	1
992183	CAN-Valve: Y271 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y271:X1:2/3		E	1
992184	CAN-Valve: Y271 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y271:X1:2/3		E	1
992191	CAN-Valve: Y271 General program error Issue of error, Stop oil supply Replace valve	Y271:X1:2/3		E	1
9921D0	CAN-Valve: Y271 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y271:X1:2/3		E	1
9921D1	CAN-Valve: Y271 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y271:X1:2/3		E	1
9921D2	CAN-Valve: Y271 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y271:X1:2/3		E	1
9921D7	CAN-Valve: Y271 CAN-communication with BTB4 erroneous	Y271:X1:2/3		E	1
992211	CAN-Valve: Y272 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y272:X1:2/3		E	1
992212	CAN-Valve: Y272 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y272:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992213	CAN-Valve: Y272 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y272:X1:2/3		E	1
992214	CAN-Valve: Y272 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y272:X1:2/3		E	1
992215	CAN-Valve: Y272 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y272:X1:2/3		E	1
992216	CAN-Valve: Y272 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y272:X1:2/3		E	1
992217	CAN-Valve: Y272 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y272:X1:2/3		E	1
992218	CAN-Valve: Y272 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y272:X1:2/3		E	1
992219	CAN-Valve: Y272 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y272:X1:2/3		E	1
992221	CAN-Valve: Y272 Supply voltage below 9V Output of error Check supply voltage	Y272:X1:2/3		E	1
992222	CAN-Valve: Y272 Supply voltage above 32V Output of error Check supply voltage	Y272:X1:2/3		E	1
992223	CAN-Valve: Y272 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y272:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992224	CAN-Valve: Y272 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y272:X1:2/3		E	1
992225	CAN-Valve: Y272 Error due to emerg. off by operator Output of error Check master device	Y272:X1:2/3		E	1
992226	CAN-Valve: Y272 Power reduction due to excessive temperature Output of error Check oil temperature	Y272:X1:2/3		E	1
992227	CAN-Valve: Y272 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y272:X1:2/3		E	1
992228	CAN-Valve: Y272 External Sensor Signal 1 Error Output of error Check external sensor	Y272:X1:2/3		E	1
992229	CAN-Valve: Y272 External Sensor Signal 2 Error Output of error Check external sensor	Y272:X1:2/3		E	1
992231	CAN-Valve: Y272 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y272:X1:2/3		E	1
992232	CAN-Valve: Y272 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y272:X1:2/3		E	1
992233	CAN-Valve: Y272 Slide deflected too short Output of error Check valve, check oil supply	Y272:X1:2/3		E	1
992234	CAN-Valve: Y272 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y272:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992235	CAN-Valve: Y272 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y272:X1:2/3		E	1
992236	CAN-Valve: Y272 Manual actuation Output of error Check manual activation on valve	Y272:X1:2/3		B	1
992239	CAN-Valve: Y272 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y272:X1:2/3		E	1
992241	CAN-Valve: Y272 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y272:X1:2/3		E	1
992242	CAN-Valve: Y272 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y272:X1:2/3		E	1
992243	CAN-Valve: Y272 Position error Issue of error, valve in neutral position Replace valve	Y272:X1:2/3		E	1
992244	CAN-Valve: Y272 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y272:X1:2/3		E	1
992245	CAN-Valve: Y272 Monitor inactive Issue of error, valve in neutral position Contact Service	Y272:X1:2/3		E	1
992246	CAN-Valve: Y272 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y272:X1:2/3		E	1
992247	CAN-Valve: Y272 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y272:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992248	CAN-Valve: Y272 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y272:X1:2/3		E	1
992249	CAN-Valve: Y272 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y272:X1:2/3		E	1
992251	CAN-Valve: Y272 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y272:X1:2/3		E	1
992252	CAN-Valve: Y272 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y272:X1:2/3		E	1
992253	CAN-Valve: Y272 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y272:X1:2/3		E	1
992254	CAN-Valve: Y272 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y272:X1:2/3		E	1
992255	CAN-Valve: Y272 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y272:X1:2/3		E	1
992256	CAN-Valve: Y272 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y272:X1:2/3		E	1
992257	CAN-Valve: Y272 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y272:X1:2/3		E	1
992258	CAN-Valve: Y272 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y272:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992259	CAN-Valve: Y272 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y272:X1:2/3		E	1
992261	CAN-Valve: Y272 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y272:X1:2/3		E	1
992281	CAN-Valve: Y272 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y272:X1:2/3		E	1
992282	CAN-Valve: Y272 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y272:X1:2/3		E	1
992283	CAN-Valve: Y272 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y272:X1:2/3		E	1
992284	CAN-Valve: Y272 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y272:X1:2/3		E	1
992291	CAN-Valve: Y272 General program error Issue of error, Stop oil supply Replace valve	Y272:X1:2/3		E	1
9922D0	CAN-Valve: Y272 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y272:X1:2/3		E	1
9922D1	CAN-Valve: Y272 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y272:X1:2/3		E	1
9922D2	CAN-Valve: Y272 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y272:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
9922D7	CAN-Valve: Y272 CAN-communication with BTB4 erroneous	Y272:X1:2/3		E	1
992311	CAN-Valve: Y273 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y273:X1:2/3		E	1
992312	CAN-Valve: Y273 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y273:X1:2/3		E	1
992313	CAN-Valve: Y273 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y273:X1:2/3		E	1
992314	CAN-Valve: Y273 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y273:X1:2/3		E	1
992315	CAN-Valve: Y273 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y273:X1:2/3		E	1
992316	CAN-Valve: Y273 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y273:X1:2/3		E	1
992317	CAN-Valve: Y273 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y273:X1:2/3		E	1
992318	CAN-Valve: Y273 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y273:X1:2/3		E	1
992319	CAN-Valve: Y273 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y273:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992321	CAN-Valve: Y273 Supply voltage below 9V Output of error Check supply voltage	Y273:X1:2/3		E	1
992322	CAN-Valve: Y273 Supply voltage above 32V Output of error Check supply voltage	Y273:X1:2/3		E	1
992323	CAN-Valve: Y273 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y273:X1:2/3		E	1
992324	CAN-Valve: Y273 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y273:X1:2/3		E	1
992325	CAN-Valve: Y273 Error due to emerg. off by operator Output of error Check master device	Y273:X1:2/3		E	1
992326	CAN-Valve: Y273 Power reduction due to excessive temperature Output of error Check oil temperature	Y273:X1:2/3		E	1
992327	CAN-Valve: Y273 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y273:X1:2/3		E	1
992328	CAN-Valve: Y273 External Sensor Signal 1 Error Output of error Check external sensor	Y273:X1:2/3		E	1
992329	CAN-Valve: Y273 External Sensor Signal 2 Error Output of error Check external sensor	Y273:X1:2/3		E	1
992331	CAN-Valve: Y273 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y273:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992332	CAN-Valve: Y273 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y273:X1:2/3		E	1
992333	CAN-Valve: Y273 Slide deflected too short Output of error Check valve, check oil supply	Y273:X1:2/3		E	1
992334	CAN-Valve: Y273 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y273:X1:2/3		E	1
992335	CAN-Valve: Y273 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y273:X1:2/3		E	1
992336	CAN-Valve: Y273 Manual actuation Output of error Check manual activation on valve	Y273:X1:2/3		B	1
992339	CAN-Valve: Y273 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y273:X1:2/3		E	1
992341	CAN-Valve: Y273 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y273:X1:2/3		E	1
992342	CAN-Valve: Y273 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y273:X1:2/3		E	1
992343	CAN-Valve: Y273 Position error Issue of error, valve in neutral position Replace valve	Y273:X1:2/3		E	1
992344	CAN-Valve: Y273 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y273:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992345	CAN-Valve: Y273 Monitor inactive Issue of error, valve in neutral position Contact Service	Y273:X1:2/3		E	1
992346	CAN-Valve: Y273 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y273:X1:2/3		E	1
992347	CAN-Valve: Y273 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y273:X1:2/3		E	1
992348	CAN-Valve: Y273 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y273:X1:2/3		E	1
992349	CAN-Valve: Y273 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y273:X1:2/3		E	1
992351	CAN-Valve: Y273 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y273:X1:2/3		E	1
992352	CAN-Valve: Y273 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y273:X1:2/3		E	1
992353	CAN-Valve: Y273 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y273:X1:2/3		E	1
992354	CAN-Valve: Y273 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y273:X1:2/3		E	1
992355	CAN-Valve: Y273 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y273:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992356	CAN-Valve: Y273 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y273:X1:2/3		E	1
992357	CAN-Valve: Y273 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y273:X1:2/3		E	1
992358	CAN-Valve: Y273 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y273:X1:2/3		E	1
992359	CAN-Valve: Y273 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y273:X1:2/3		E	1
992361	CAN-Valve: Y273 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y273:X1:2/3		E	1
992381	CAN-Valve: Y273 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y273:X1:2/3		E	1
992382	CAN-Valve: Y273 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y273:X1:2/3		E	1
992383	CAN-Valve: Y273 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y273:X1:2/3		E	1
992384	CAN-Valve: Y273 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y273:X1:2/3		E	1
992391	CAN-Valve: Y273 General program error Issue of error, Stop oil supply Replace valve	Y273:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
9923D0	CAN-Valve: Y273 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y273:X1:2/3		E	1
9923D1	CAN-Valve: Y273 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y273:X1:2/3		E	1
9923D2	CAN-Valve: Y273 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y273:X1:2/3		E	1
9923D7	CAN-Valve: Y273 CAN-communication with BTB4 erroneous	Y273:X1:2/3		E	1
992411	CAN-Valve: Y274 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y274:X1:2/3		E	1
992412	CAN-Valve: Y274 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y274:X1:2/3		E	1
992413	CAN-Valve: Y274 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y274:X1:2/3		E	1
992414	CAN-Valve: Y274 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y274:X1:2/3		E	1
992415	CAN-Valve: Y274 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y274:X1:2/3		E	1
992416	CAN-Valve: Y274 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y274:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992417	CAN-Valve: Y274 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y274:X1:2/3		E	1
992418	CAN-Valve: Y274 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y274:X1:2/3		E	1
992419	CAN-Valve: Y274 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y274:X1:2/3		E	1
992421	CAN-Valve: Y274 Supply voltage below 9V Output of error Check supply voltage	Y274:X1:2/3		E	1
992422	CAN-Valve: Y274 Supply voltage above 32V Output of error Check supply voltage	Y274:X1:2/3		E	1
992423	CAN-Valve: Y274 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y274:X1:2/3		E	1
992424	CAN-Valve: Y274 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y274:X1:2/3		E	1
992425	CAN-Valve: Y274 Error due to emerg. off by operator Output of error Check master device	Y274:X1:2/3		E	1
992426	CAN-Valve: Y274 Power reduction due to excessive temperature Output of error Check oil temperature	Y274:X1:2/3		E	1
992427	CAN-Valve: Y274 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y274:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992428	CAN-Valve: Y274 External Sensor Signal 1 Error Output of error Check external sensor	Y274:X1:2/3		E	1
992429	CAN-Valve: Y274 External Sensor Signal 2 Error Output of error Check external sensor	Y274:X1:2/3		E	1
992431	CAN-Valve: Y274 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y274:X1:2/3		E	1
992432	CAN-Valve: Y274 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y274:X1:2/3		E	1
992433	CAN-Valve: Y274 Slide deflected too short Output of error Check valve, check oil supply	Y274:X1:2/3		E	1
992434	CAN-Valve: Y274 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y274:X1:2/3		E	1
992435	CAN-Valve: Y274 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y274:X1:2/3		E	1
992436	CAN-Valve: Y274 Manual actuation Output of error Check manual activation on valve	Y274:X1:2/3		B	1
992439	CAN-Valve: Y274 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y274:X1:2/3		E	1
992441	CAN-Valve: Y274 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y274:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992442	CAN-Valve: Y274 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y274:X1:2/3		E	1
992443	CAN-Valve: Y274 Position error Issue of error, valve in neutral position Replace valve	Y274:X1:2/3		E	1
992444	CAN-Valve: Y274 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y274:X1:2/3		E	1
992445	CAN-Valve: Y274 Monitor inactive Issue of error, valve in neutral position Contact Service	Y274:X1:2/3		E	1
992446	CAN-Valve: Y274 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y274:X1:2/3		E	1
992447	CAN-Valve: Y274 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y274:X1:2/3		E	1
992448	CAN-Valve: Y274 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y274:X1:2/3		E	1
992449	CAN-Valve: Y274 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y274:X1:2/3		E	1
992451	CAN-Valve: Y274 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y274:X1:2/3		E	1
992452	CAN-Valve: Y274 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y274:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992453	CAN-Valve: Y274 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y274:X1:2/3		E	1
992454	CAN-Valve: Y274 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y274:X1:2/3		E	1
992455	CAN-Valve: Y274 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y274:X1:2/3		E	1
992456	CAN-Valve: Y274 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y274:X1:2/3		E	1
992457	CAN-Valve: Y274 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y274:X1:2/3		E	1
992458	CAN-Valve: Y274 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y274:X1:2/3		E	1
992459	CAN-Valve: Y274 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y274:X1:2/3		E	1
992461	CAN-Valve: Y274 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y274:X1:2/3		E	1
992481	CAN-Valve: Y274 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y274:X1:2/3		E	1
992482	CAN-Valve: Y274 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y274:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
992483	CAN-Valve: Y274 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y274:X1:2/3		E	1
992484	CAN-Valve: Y274 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y274:X1:2/3		E	1
992491	CAN-Valve: Y274 General program error Issue of error, Stop oil supply Replace valve	Y274:X1:2/3		E	1
9924D0	CAN-Valve: Y274 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y274:X1:2/3		E	1
9924D1	CAN-Valve: Y274 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y274:X1:2/3		E	1
9924D2	CAN-Valve: Y274 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y274:X1:2/3		E	1
9924D7	CAN-Valve: Y274 CAN-communication with BTB4 erroneous	Y274:X1:2/3		E	1
993111	CAN-Valve: Y261 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y261:X1:2/3		E	1
993112	CAN-Valve: Y261 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y261:X1:2/3		E	1
993113	CAN-Valve: Y261 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y261:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993114	CAN-Valve: Y261 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y261:X1:2/3		E	1
993115	CAN-Valve: Y261 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y261:X1:2/3		E	1
993116	CAN-Valve: Y261 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y261:X1:2/3		E	1
993117	CAN-Valve: Y261 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y261:X1:2/3		E	1
993118	CAN-Valve: Y261 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y261:X1:2/3		E	1
993119	CAN-Valve: Y261 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y261:X1:2/3		E	1
993121	CAN-Valve: Y261 Supply voltage below 9V Output of error Check supply voltage	Y261:X1:2/3		E	1
993122	CAN-Valve: Y261 Supply voltage above 32V Output of error Check supply voltage	Y261:X1:2/3		E	1
993123	CAN-Valve: Y261 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y261:X1:2/3		E	1
993124	CAN-Valve: Y261 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y261:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993125	CAN-Valve: Y261 Error due to emerg. off by operator Output of error Check master device	Y261:X1:2/3		E	1
993126	CAN-Valve: Y261 Power reduction due to excessive temperature Output of error Check oil temperature	Y261:X1:2/3		E	1
993127	CAN-Valve: Y261 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y261:X1:2/3		E	1
993128	CAN-Valve: Y261 External Sensor Signal 1 Error Output of error Check external sensor	Y261:X1:2/3		E	1
993129	CAN-Valve: Y261 External Sensor Signal 2 Error Output of error Check external sensor	Y261:X1:2/3		E	1
993131	CAN-Valve: Y261 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y261:X1:2/3		E	1
993132	CAN-Valve: Y261 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y261:X1:2/3		E	1
993133	CAN-Valve: Y261 Slide deflected too short Output of error Check valve, check oil supply	Y261:X1:2/3		E	1
993134	CAN-Valve: Y261 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y261:X1:2/3		E	1
993135	CAN-Valve: Y261 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y261:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993136	CAN-Valve: Y261 Manual actuation Output of error Check manual activation on valve	Y261:X1:2/3		B	1
993139	CAN-Valve: Y261 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y261:X1:2/3		E	1
993141	CAN-Valve: Y261 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y261:X1:2/3		E	1
993142	CAN-Valve: Y261 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y261:X1:2/3		E	1
993143	CAN-Valve: Y261 Position error Issue of error, valve in neutral position Replace valve	Y261:X1:2/3		E	1
993144	CAN-Valve: Y261 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y261:X1:2/3		E	1
993145	CAN-Valve: Y261 Monitor inactive Issue of error, valve in neutral position Contact Service	Y261:X1:2/3		E	1
993146	CAN-Valve: Y261 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y261:X1:2/3		E	1
993147	CAN-Valve: Y261 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y261:X1:2/3		E	1
993148	CAN-Valve: Y261 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y261:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993149	CAN-Valve: Y261 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y261:X1:2/3		E	1
993151	CAN-Valve: Y261 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y261:X1:2/3		E	1
993152	CAN-Valve: Y261 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y261:X1:2/3		E	1
993153	CAN-Valve: Y261 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y261:X1:2/3		E	1
993154	CAN-Valve: Y261 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y261:X1:2/3		E	1
993155	CAN-Valve: Y261 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y261:X1:2/3		E	1
993156	CAN-Valve: Y261 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y261:X1:2/3		E	1
993157	CAN-Valve: Y261 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y261:X1:2/3		E	1
993158	CAN-Valve: Y261 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y261:X1:2/3		E	1
993159	CAN-Valve: Y261 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y261:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993161	CAN-Valve: Y261 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y261:X1:2/3		E	1
993181	CAN-Valve: Y261 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y261:X1:2/3		E	1
993182	CAN-Valve: Y261 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y261:X1:2/3		E	1
993183	CAN-Valve: Y261 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y261:X1:2/3		E	1
993184	CAN-Valve: Y261 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y261:X1:2/3		E	1
993191	CAN-Valve: Y261 General program error Issue of error, Stop oil supply Replace valve	Y261:X1:2/3		E	1
9931D0	CAN-Valve: Y261 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y261:X1:2/3		E	1
9931D1	CAN-Valve: Y261 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y261:X1:2/3		E	1
9931D2	CAN-Valve: Y261 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y261:X1:2/3		E	1
9931D7	CAN-Valve: Y261 CAN-communication with BTB4 erroneous	Y261:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993211	CAN-Valve: Y262 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y262:X1:2/3		E	1
993212	CAN-Valve: Y262 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y262:X1:2/3		E	1
993213	CAN-Valve: Y262 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y262:X1:2/3		E	1
993214	CAN-Valve: Y262 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y262:X1:2/3		E	1
993215	CAN-Valve: Y262 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y262:X1:2/3		E	1
993216	CAN-Valve: Y262 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y262:X1:2/3		E	1
993217	CAN-Valve: Y262 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y262:X1:2/3		E	1
993218	CAN-Valve: Y262 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y262:X1:2/3		E	1
993219	CAN-Valve: Y262 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y262:X1:2/3		E	1
993221	CAN-Valve: Y262 Supply voltage below 9V Output of error Check supply voltage	Y262:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993222	CAN-Valve: Y262 Supply voltage above 32V Output of error Check supply voltage	Y262:X1:2/3		E	1
993223	CAN-Valve: Y262 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y262:X1:2/3		E	1
993224	CAN-Valve: Y262 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y262:X1:2/3		E	1
993225	CAN-Valve: Y262 Error due to emerg. off by operator Output of error Check master device	Y262:X1:2/3		E	1
993226	CAN-Valve: Y262 Power reduction due to excessive temperature Output of error Check oil temperature	Y262:X1:2/3		E	1
993227	CAN-Valve: Y262 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y262:X1:2/3		E	1
993228	CAN-Valve: Y262 External Sensor Signal 1 Error Output of error Check external sensor	Y262:X1:2/3		E	1
993229	CAN-Valve: Y262 External Sensor Signal 2 Error Output of error Check external sensor	Y262:X1:2/3		E	1
993231	CAN-Valve: Y262 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y262:X1:2/3		E	1
993232	CAN-Valve: Y262 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y262:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993233	CAN-Valve: Y262 Slide deflected too short Output of error Check valve, check oil supply	Y262:X1:2/3		E	1
993234	CAN-Valve: Y262 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y262:X1:2/3		E	1
993235	CAN-Valve: Y262 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y262:X1:2/3		E	1
993236	CAN-Valve: Y262 Manual actuation Output of error Check manual activation on valve	Y262:X1:2/3		B	1
993239	CAN-Valve: Y262 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y262:X1:2/3		E	1
993241	CAN-Valve: Y262 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y262:X1:2/3		E	1
993242	CAN-Valve: Y262 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y262:X1:2/3		E	1
993243	CAN-Valve: Y262 Position error Issue of error, valve in neutral position Replace valve	Y262:X1:2/3		E	1
993244	CAN-Valve: Y262 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y262:X1:2/3		E	1
993245	CAN-Valve: Y262 Monitor inactive Issue of error, valve in neutral position Contact Service	Y262:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993246	CAN-Valve: Y262 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y262:X1:2/3		E	1
993247	CAN-Valve: Y262 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y262:X1:2/3		E	1
993248	CAN-Valve: Y262 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y262:X1:2/3		E	1
993249	CAN-Valve: Y262 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y262:X1:2/3		E	1
993251	CAN-Valve: Y262 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y262:X1:2/3		E	1
993252	CAN-Valve: Y262 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y262:X1:2/3		E	1
993253	CAN-Valve: Y262 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y262:X1:2/3		E	1
993254	CAN-Valve: Y262 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y262:X1:2/3		E	1
993255	CAN-Valve: Y262 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y262:X1:2/3		E	1
993256	CAN-Valve: Y262 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y262:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993257	CAN-Valve: Y262 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y262:X1:2/3		E	1
993258	CAN-Valve: Y262 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y262:X1:2/3		E	1
993259	CAN-Valve: Y262 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y262:X1:2/3		E	1
993261	CAN-Valve: Y262 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y262:X1:2/3		E	1
993281	CAN-Valve: Y262 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y262:X1:2/3		E	1
993282	CAN-Valve: Y262 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y262:X1:2/3		E	1
993283	CAN-Valve: Y262 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y262:X1:2/3		E	1
993284	CAN-Valve: Y262 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y262:X1:2/3		E	1
993291	CAN-Valve: Y262 General program error Issue of error, Stop oil supply Replace valve	Y262:X1:2/3		E	1
9932D0	CAN-Valve: Y262 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y262:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
9932D1	CAN-Valve: Y262 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y262:X1:2/3		E	1
9932D2	CAN-Valve: Y262 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y262:X1:2/3		E	1
9932D7	CAN-Valve: Y262 CAN-communication with BTB4 erroneous	Y262:X1:2/3		E	1
993311	CAN-Valve: Y263 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y263:X1:2/3		E	1
993312	CAN-Valve: Y263 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y263:X1:2/3		E	1
993313	CAN-Valve: Y263 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y263:X1:2/3		E	1
993314	CAN-Valve: Y263 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y263:X1:2/3		E	1
993315	CAN-Valve: Y263 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y263:X1:2/3		E	1
993316	CAN-Valve: Y263 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y263:X1:2/3		E	1
993317	CAN-Valve: Y263 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y263:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993318	CAN-Valve: Y263 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y263:X1:2/3		E	1
993319	CAN-Valve: Y263 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y263:X1:2/3		E	1
993321	CAN-Valve: Y263 Supply voltage below 9V Output of error Check supply voltage	Y263:X1:2/3		E	1
993322	CAN-Valve: Y263 Supply voltage above 32V Output of error Check supply voltage	Y263:X1:2/3		E	1
993323	CAN-Valve: Y263 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y263:X1:2/3		E	1
993324	CAN-Valve: Y263 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y263:X1:2/3		E	1
993325	CAN-Valve: Y263 Error due to emerg. off by operator Output of error Check master device	Y263:X1:2/3		E	1
993326	CAN-Valve: Y263 Power reduction due to excessive temperature Output of error Check oil temperature	Y263:X1:2/3		E	1
993327	CAN-Valve: Y263 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y263:X1:2/3		E	1
993328	CAN-Valve: Y263 External Sensor Signal 1 Error Output of error Check external sensor	Y263:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993329	CAN-Valve: Y263 External Sensor Signal 2 Error Output of error Check external sensor	Y263:X1:2/3		E	1
993331	CAN-Valve: Y263 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y263:X1:2/3		E	1
993332	CAN-Valve: Y263 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y263:X1:2/3		E	1
993333	CAN-Valve: Y263 Slide deflected too short Output of error Check valve, check oil supply	Y263:X1:2/3		E	1
993334	CAN-Valve: Y263 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y263:X1:2/3		E	1
993335	CAN-Valve: Y263 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y263:X1:2/3		E	1
993336	CAN-Valve: Y263 Manual actuation Output of error Check manual activation on valve	Y263:X1:2/3		B	1
993339	CAN-Valve: Y263 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y263:X1:2/3		E	1
993341	CAN-Valve: Y263 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y263:X1:2/3		E	1
993342	CAN-Valve: Y263 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y263:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993343	CAN-Valve: Y263 Position error Issue of error, valve in neutral position Replace valve	Y263:X1:2/3		E	1
993344	CAN-Valve: Y263 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y263:X1:2/3		E	1
993345	CAN-Valve: Y263 Monitor inactive Issue of error, valve in neutral position Contact Service	Y263:X1:2/3		E	1
993346	CAN-Valve: Y263 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y263:X1:2/3		E	1
993347	CAN-Valve: Y263 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y263:X1:2/3		E	1
993348	CAN-Valve: Y263 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y263:X1:2/3		E	1
993349	CAN-Valve: Y263 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y263:X1:2/3		E	1
993351	CAN-Valve: Y263 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y263:X1:2/3		E	1
993352	CAN-Valve: Y263 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y263:X1:2/3		E	1
993353	CAN-Valve: Y263 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y263:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993354	CAN-Valve: Y263 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y263:X1:2/3		E	1
993355	CAN-Valve: Y263 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y263:X1:2/3		E	1
993356	CAN-Valve: Y263 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y263:X1:2/3		E	1
993357	CAN-Valve: Y263 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y263:X1:2/3		E	1
993358	CAN-Valve: Y263 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y263:X1:2/3		E	1
993359	CAN-Valve: Y263 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y263:X1:2/3		E	1
993361	CAN-Valve: Y263 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y263:X1:2/3		E	1
993381	CAN-Valve: Y263 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y263:X1:2/3		E	1
993382	CAN-Valve: Y263 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y263:X1:2/3		E	1
993383	CAN-Valve: Y263 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y263:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993384	CAN-Valve: Y263 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y263:X1:2/3		E	1
993391	CAN-Valve: Y263 General program error Issue of error, Stop oil supply Replace valve	Y263:X1:2/3		E	1
9933D0	CAN-Valve: Y263 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y263:X1:2/3		E	1
9933D1	CAN-Valve: Y263 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y263:X1:2/3		E	1
9933D2	CAN-Valve: Y263 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y263:X1:2/3		E	1
9933D7	CAN-Valve: Y263 CAN-communication with BTB4 erroneous	Y263:X1:2/3		E	1
993411	CAN-Valve: Y264 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y264:X1:2/3		E	1
993412	CAN-Valve: Y264 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y264:X1:2/3		E	1
993413	CAN-Valve: Y264 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y264:X1:2/3		E	1
993414	CAN-Valve: Y264 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y264:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993415	CAN-Valve: Y264 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y264:X1:2/3		E	1
993416	CAN-Valve: Y264 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y264:X1:2/3		E	1
993417	CAN-Valve: Y264 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y264:X1:2/3		E	1
993418	CAN-Valve: Y264 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y264:X1:2/3		E	1
993419	CAN-Valve: Y264 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y264:X1:2/3		E	1
993421	CAN-Valve: Y264 Supply voltage below 9V Output of error Check supply voltage	Y264:X1:2/3		E	1
993422	CAN-Valve: Y264 Supply voltage above 32V Output of error Check supply voltage	Y264:X1:2/3		E	1
993423	CAN-Valve: Y264 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y264:X1:2/3		E	1
993424	CAN-Valve: Y264 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y264:X1:2/3		E	1
993425	CAN-Valve: Y264 Error due to emerg. off by operator Output of error Check master device	Y264:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993426	CAN-Valve: Y264 Power reduction due to excessive temperature Output of error Check oil temperature	Y264:X1:2/3		E	1
993427	CAN-Valve: Y264 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y264:X1:2/3		E	1
993428	CAN-Valve: Y264 External Sensor Signal 1 Error Output of error Check external sensor	Y264:X1:2/3		E	1
993429	CAN-Valve: Y264 External Sensor Signal 2 Error Output of error Check external sensor	Y264:X1:2/3		E	1
993431	CAN-Valve: Y264 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y264:X1:2/3		E	1
993432	CAN-Valve: Y264 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y264:X1:2/3		E	1
993433	CAN-Valve: Y264 Slide deflected too short Output of error Check valve, check oil supply	Y264:X1:2/3		E	1
993434	CAN-Valve: Y264 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y264:X1:2/3		E	1
993435	CAN-Valve: Y264 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y264:X1:2/3		E	1
993436	CAN-Valve: Y264 Manual actuation Output of error Check manual activation on valve	Y264:X1:2/3		B	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993439	CAN-Valve: Y264 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y264:X1:2/3		E	1
993441	CAN-Valve: Y264 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y264:X1:2/3		E	1
993442	CAN-Valve: Y264 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y264:X1:2/3		E	1
993443	CAN-Valve: Y264 Position error Issue of error, valve in neutral position Replace valve	Y264:X1:2/3		E	1
993444	CAN-Valve: Y264 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y264:X1:2/3		E	1
993445	CAN-Valve: Y264 Monitor inactive Issue of error, valve in neutral position Contact Service	Y264:X1:2/3		E	1
993446	CAN-Valve: Y264 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y264:X1:2/3		E	1
993447	CAN-Valve: Y264 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y264:X1:2/3		E	1
993448	CAN-Valve: Y264 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y264:X1:2/3		E	1
993449	CAN-Valve: Y264 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y264:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993451	CAN-Valve: Y264 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y264:X1:2/3		E	1
993452	CAN-Valve: Y264 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y264:X1:2/3		E	1
993453	CAN-Valve: Y264 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y264:X1:2/3		E	1
993454	CAN-Valve: Y264 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y264:X1:2/3		E	1
993455	CAN-Valve: Y264 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y264:X1:2/3		E	1
993456	CAN-Valve: Y264 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y264:X1:2/3		E	1
993457	CAN-Valve: Y264 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y264:X1:2/3		E	1
993458	CAN-Valve: Y264 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y264:X1:2/3		E	1
993459	CAN-Valve: Y264 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y264:X1:2/3		E	1
993461	CAN-Valve: Y264 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y264:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993481	CAN-Valve: Y264 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y264:X1:2/3		E	1
993482	CAN-Valve: Y264 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y264:X1:2/3		E	1
993483	CAN-Valve: Y264 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y264:X1:2/3		E	1
993484	CAN-Valve: Y264 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y264:X1:2/3		E	1
993491	CAN-Valve: Y264 General program error Issue of error, Stop oil supply Replace valve	Y264:X1:2/3		E	1
9934D0	CAN-Valve: Y264 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y264:X1:2/3		E	1
9934D1	CAN-Valve: Y264 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y264:X1:2/3		E	1
9934D2	CAN-Valve: Y264 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y264:X1:2/3		E	1
9934D7	CAN-Valve: Y264 CAN-communication with BTB4 erroneous	Y264:X1:2/3		E	1
993511	CAN-Valve: Y265 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y265:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993512	CAN-Valve: Y265 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y265:X1:2/3		E	1
993513	CAN-Valve: Y265 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y265:X1:2/3		E	1
993514	CAN-Valve: Y265 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y265:X1:2/3		E	1
993515	CAN-Valve: Y265 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y265:X1:2/3		E	1
993516	CAN-Valve: Y265 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y265:X1:2/3		E	1
993517	CAN-Valve: Y265 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y265:X1:2/3		E	1
993518	CAN-Valve: Y265 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y265:X1:2/3		E	1
993519	CAN-Valve: Y265 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y265:X1:2/3		E	1
993521	CAN-Valve: Y265 Supply voltage below 9V Output of error Check supply voltage	Y265:X1:2/3		E	1
993522	CAN-Valve: Y265 Supply voltage above 32V Output of error Check supply voltage	Y265:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993523	CAN-Valve: Y265 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y265:X1:2/3		E	1
993524	CAN-Valve: Y265 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y265:X1:2/3		E	1
993525	CAN-Valve: Y265 Error due to emerg. off by operator Output of error Check master device	Y265:X1:2/3		E	1
993526	CAN-Valve: Y265 Power reduction due to excessive temperature Output of error Check oil temperature	Y265:X1:2/3		E	1
993527	CAN-Valve: Y265 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y265:X1:2/3		E	1
993528	CAN-Valve: Y265 External Sensor Signal 1 Error Output of error Check external sensor	Y265:X1:2/3		E	1
993529	CAN-Valve: Y265 External Sensor Signal 2 Error Output of error Check external sensor	Y265:X1:2/3		E	1
993531	CAN-Valve: Y265 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y265:X1:2/3		E	1
993532	CAN-Valve: Y265 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y265:X1:2/3		E	1
993533	CAN-Valve: Y265 Slide deflected too short Output of error Check valve, check oil supply	Y265:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993534	CAN-Valve: Y265 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y265:X1:2/3		E	1
993535	CAN-Valve: Y265 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y265:X1:2/3		E	1
993536	CAN-Valve: Y265 Manual actuation Output of error Check manual activation on valve	Y265:X1:2/3		B	1
993539	CAN-Valve: Y265 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y265:X1:2/3		E	1
993541	CAN-Valve: Y265 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y265:X1:2/3		E	1
993542	CAN-Valve: Y265 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y265:X1:2/3		E	1
993543	CAN-Valve: Y265 Position error Issue of error, valve in neutral position Replace valve	Y265:X1:2/3		E	1
993544	CAN-Valve: Y265 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y265:X1:2/3		E	1
993545	CAN-Valve: Y265 Monitor inactive Issue of error, valve in neutral position Contact Service	Y265:X1:2/3		E	1
993546	CAN-Valve: Y265 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y265:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993547	CAN-Valve: Y265 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y265:X1:2/3		E	1
993548	CAN-Valve: Y265 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y265:X1:2/3		E	1
993549	CAN-Valve: Y265 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y265:X1:2/3		E	1
993551	CAN-Valve: Y265 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y265:X1:2/3		E	1
993552	CAN-Valve: Y265 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y265:X1:2/3		E	1
993553	CAN-Valve: Y265 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y265:X1:2/3		E	1
993554	CAN-Valve: Y265 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y265:X1:2/3		E	1
993555	CAN-Valve: Y265 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y265:X1:2/3		E	1
993556	CAN-Valve: Y265 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y265:X1:2/3		E	1
993557	CAN-Valve: Y265 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y265:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993558	CAN-Valve: Y265 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y265:X1:2/3		E	1
993559	CAN-Valve: Y265 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y265:X1:2/3		E	1
993561	CAN-Valve: Y265 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y265:X1:2/3		E	1
993581	CAN-Valve: Y265 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y265:X1:2/3		E	1
993582	CAN-Valve: Y265 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y265:X1:2/3		E	1
993583	CAN-Valve: Y265 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y265:X1:2/3		E	1
993584	CAN-Valve: Y265 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y265:X1:2/3		E	1
993591	CAN-Valve: Y265 General program error Issue of error, Stop oil supply Replace valve	Y265:X1:2/3		E	1
9935D0	CAN-Valve: Y265 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y265:X1:2/3		E	1
9935D1	CAN-Valve: Y265 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y265:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
9935D2	CAN-Valve: Y265 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y265:X1:2/3		E	1
9935D7	CAN-Valve: Y265 CAN-communication with BTB4 erroneous	Y265:X1:2/3		E	1
993611	CAN-Valve: Y266 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y266:X1:2/3		E	1
993612	CAN-Valve: Y266 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y266:X1:2/3		E	1
993613	CAN-Valve: Y266 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y266:X1:2/3		E	1
993614	CAN-Valve: Y266 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y266:X1:2/3		E	1
993615	CAN-Valve: Y266 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y266:X1:2/3		E	1
993616	CAN-Valve: Y266 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y266:X1:2/3		E	1
993617	CAN-Valve: Y266 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y266:X1:2/3		E	1
993618	CAN-Valve: Y266 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y266:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993619	CAN-Valve: Y266 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y266:X1:2/3		E	1
993621	CAN-Valve: Y266 Supply voltage below 9V Output of error Check supply voltage	Y266:X1:2/3		E	1
993622	CAN-Valve: Y266 Supply voltage above 32V Output of error Check supply voltage	Y266:X1:2/3		E	1
993623	CAN-Valve: Y266 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y266:X1:2/3		E	1
993624	CAN-Valve: Y266 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y266:X1:2/3		E	1
993625	CAN-Valve: Y266 Error due to emerg. off by operator Output of error Check master device	Y266:X1:2/3		E	1
993626	CAN-Valve: Y266 Power reduction due to excessive temperature Output of error Check oil temperature	Y266:X1:2/3		E	1
993627	CAN-Valve: Y266 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y266:X1:2/3		E	1
993628	CAN-Valve: Y266 External Sensor Signal 1 Error Output of error Check external sensor	Y266:X1:2/3		E	1
993629	CAN-Valve: Y266 External Sensor Signal 2 Error Output of error Check external sensor	Y266:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993631	CAN-Valve: Y266 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y266:X1:2/3		E	1
993632	CAN-Valve: Y266 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y266:X1:2/3		E	1
993633	CAN-Valve: Y266 Slide deflected too short Output of error Check valve, check oil supply	Y266:X1:2/3		E	1
993634	CAN-Valve: Y266 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y266:X1:2/3		E	1
993635	CAN-Valve: Y266 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y266:X1:2/3		E	1
993636	CAN-Valve: Y266 Manual actuation Output of error Check manual activation on valve	Y266:X1:2/3		B	1
993639	CAN-Valve: Y266 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y266:X1:2/3		E	1
993641	CAN-Valve: Y266 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y266:X1:2/3		E	1
993642	CAN-Valve: Y266 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y266:X1:2/3		E	1
993643	CAN-Valve: Y266 Position error Issue of error, valve in neutral position Replace valve	Y266:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993644	CAN-Valve: Y266 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y266:X1:2/3		E	1
993645	CAN-Valve: Y266 Monitor inactive Issue of error, valve in neutral position Contact Service	Y266:X1:2/3		E	1
993646	CAN-Valve: Y266 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y266:X1:2/3		E	1
993647	CAN-Valve: Y266 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y266:X1:2/3		E	1
993648	CAN-Valve: Y266 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y266:X1:2/3		E	1
993649	CAN-Valve: Y266 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y266:X1:2/3		E	1
993651	CAN-Valve: Y266 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y266:X1:2/3		E	1
993652	CAN-Valve: Y266 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y266:X1:2/3		E	1
993653	CAN-Valve: Y266 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y266:X1:2/3		E	1
993654	CAN-Valve: Y266 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y266:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993655	CAN-Valve: Y266 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y266:X1:2/3		E	1
993656	CAN-Valve: Y266 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y266:X1:2/3		E	1
993657	CAN-Valve: Y266 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y266:X1:2/3		E	1
993658	CAN-Valve: Y266 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y266:X1:2/3		E	1
993659	CAN-Valve: Y266 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y266:X1:2/3		E	1
993661	CAN-Valve: Y266 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y266:X1:2/3		E	1
993681	CAN-Valve: Y266 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y266:X1:2/3		E	1
993682	CAN-Valve: Y266 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y266:X1:2/3		E	1
993683	CAN-Valve: Y266 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y266:X1:2/3		E	1
993684	CAN-Valve: Y266 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y266:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993691	CAN-Valve: Y266 General program error Issue of error, Stop oil supply Replace valve	Y266:X1:2/3		E	1
9936D0	CAN-Valve: Y266 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y266:X1:2/3		E	1
9936D1	CAN-Valve: Y266 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y266:X1:2/3		E	1
9936D2	CAN-Valve: Y266 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y266:X1:2/3		E	1
9936D7	CAN-Valve: Y266 CAN-communication with BTB4 erroneous	Y266:X1:2/3		E	1
993711	CAN-Valve: Y267 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y267:X1:2/3		E	1
993712	CAN-Valve: Y267 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y267:X1:2/3		E	1
993713	CAN-Valve: Y267 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y267:X1:2/3		E	1
993714	CAN-Valve: Y267 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y267:X1:2/3		E	1
993715	CAN-Valve: Y267 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y267:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993716	CAN-Valve: Y267 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y267:X1:2/3		E	1
993717	CAN-Valve: Y267 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y267:X1:2/3		E	1
993718	CAN-Valve: Y267 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y267:X1:2/3		E	1
993719	CAN-Valve: Y267 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y267:X1:2/3		E	1
993721	CAN-Valve: Y267 Supply voltage below 9V Output of error Check supply voltage	Y267:X1:2/3		E	1
993722	CAN-Valve: Y267 Supply voltage above 32V Output of error Check supply voltage	Y267:X1:2/3		E	1
993723	CAN-Valve: Y267 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y267:X1:2/3		E	1
993724	CAN-Valve: Y267 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y267:X1:2/3		E	1
993725	CAN-Valve: Y267 Error due to emerg. off by operator Output of error Check master device	Y267:X1:2/3		E	1
993726	CAN-Valve: Y267 Power reduction due to excessive temperature Output of error Check oil temperature	Y267:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993727	CAN-Valve: Y267 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y267:X1:2/3		E	1
993728	CAN-Valve: Y267 External Sensor Signal 1 Error Output of error Check external sensor	Y267:X1:2/3		E	1
993729	CAN-Valve: Y267 External Sensor Signal 2 Error Output of error Check external sensor	Y267:X1:2/3		E	1
993731	CAN-Valve: Y267 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y267:X1:2/3		E	1
993732	CAN-Valve: Y267 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y267:X1:2/3		E	1
993733	CAN-Valve: Y267 Slide deflected too short Output of error Check valve, check oil supply	Y267:X1:2/3		E	1
993734	CAN-Valve: Y267 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y267:X1:2/3		E	1
993735	CAN-Valve: Y267 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y267:X1:2/3		E	1
993736	CAN-Valve: Y267 Manual actuation Output of error Check manual activation on valve	Y267:X1:2/3		B	1
993739	CAN-Valve: Y267 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y267:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993741	CAN-Valve: Y267 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y267:X1:2/3		E	1
993742	CAN-Valve: Y267 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y267:X1:2/3		E	1
993743	CAN-Valve: Y267 Position error Issue of error, valve in neutral position Replace valve	Y267:X1:2/3		E	1
993744	CAN-Valve: Y267 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y267:X1:2/3		E	1
993745	CAN-Valve: Y267 Monitor inactive Issue of error, valve in neutral position Contact Service	Y267:X1:2/3		E	1
993746	CAN-Valve: Y267 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y267:X1:2/3		E	1
993747	CAN-Valve: Y267 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y267:X1:2/3		E	1
993748	CAN-Valve: Y267 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y267:X1:2/3		E	1
993749	CAN-Valve: Y267 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y267:X1:2/3		E	1
993751	CAN-Valve: Y267 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y267:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993752	CAN-Valve: Y267 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y267:X1:2/3		E	1
993753	CAN-Valve: Y267 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y267:X1:2/3		E	1
993754	CAN-Valve: Y267 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y267:X1:2/3		E	1
993755	CAN-Valve: Y267 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y267:X1:2/3		E	1
993756	CAN-Valve: Y267 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y267:X1:2/3		E	1
993757	CAN-Valve: Y267 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y267:X1:2/3		E	1
993758	CAN-Valve: Y267 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y267:X1:2/3		E	1
993759	CAN-Valve: Y267 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y267:X1:2/3		E	1
993761	CAN-Valve: Y267 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y267:X1:2/3		E	1
993781	CAN-Valve: Y267 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y267:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993782	CAN-Valve: Y267 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y267:X1:2/3		E	1
993783	CAN-Valve: Y267 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y267:X1:2/3		E	1
993784	CAN-Valve: Y267 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y267:X1:2/3		E	1
993791	CAN-Valve: Y267 General program error Issue of error, Stop oil supply Replace valve	Y267:X1:2/3		E	1
9937D0	CAN-Valve: Y267 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y267:X1:2/3		E	1
9937D1	CAN-Valve: Y267 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y267:X1:2/3		E	1
9937D2	CAN-Valve: Y267 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y267:X1:2/3		E	1
9937D7	CAN-Valve: Y267 CAN-communication with BTB4 erroneous	Y267:X1:2/3		E	1
993811	CAN-Valve: Y268 Connection status Initialization of valve Issue of error, valve doesn t react Turn off / on	Y268:X1:2/3		E	1
993812	CAN-Valve: Y268 Connector status stopped Issue of error, valve doesn t react Turn off / on	Y268:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993813	CAN-Valve: Y268 CAN Data transfer defective Issue of error, valve doesn t react Check connections, turn off / on	Y268:X1:2/3		E	1
993814	CAN-Valve: Y268 Valve not yet ready Issue of error, valve stays in neutral pos. Turn off / on	Y268:X1:2/3		E	1
993815	CAN-Valve: Y268 CAN reception buffer full, Data loss Issue of error, valve stays in neutral pos. Check valve adjustments	Y268:X1:2/3		E	1
993816	CAN-Valve: Y268 Send buffer full Issue of error, valve stays in neutral pos. Check valves for identifier	Y268:X1:2/3		E	1
993817	CAN-Valve: Y268 Reception 1. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y268:X1:2/3		E	1
993818	CAN-Valve: Y268 Reception 2. nominal value message time exceeded Output of error, valve goes to neutral position Check valve adjustments	Y268:X1:2/3		E	1
993819	CAN-Valve: Y268 Monitor Timeout Output of error, valve goes to neutral position Check CAN-connection	Y268:X1:2/3		E	1
993821	CAN-Valve: Y268 Supply voltage below 9V Output of error Check supply voltage	Y268:X1:2/3		E	1
993822	CAN-Valve: Y268 Supply voltage above 32V Output of error Check supply voltage	Y268:X1:2/3		E	1
993823	CAN-Valve: Y268 Error on analog interface of valve Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y268:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993824	CAN-Valve: Y268 Analog signal outside permissible range Issue of error, valve in neutral position Check analog signal(short circuit after ground, VCC, broken cable)	Y268:X1:2/3		E	1
993825	CAN-Valve: Y268 Error due to emerg. off by operator Output of error Check master device	Y268:X1:2/3		E	1
993826	CAN-Valve: Y268 Power reduction due to excessive temperature Output of error Check oil temperature	Y268:X1:2/3		E	1
993827	CAN-Valve: Y268 Temperature too high Issue of error, valve in neutral position Check oil temperature	Y268:X1:2/3		E	1
993828	CAN-Valve: Y268 External Sensor Signal 1 Error Output of error Check external sensor	Y268:X1:2/3		E	1
993829	CAN-Valve: Y268 External Sensor Signal 2 Error Output of error Check external sensor	Y268:X1:2/3		E	1
993831	CAN-Valve: Y268 Voltage supply below permissible range Issue of error, valve in neutral position Check supply voltage	Y268:X1:2/3		E	1
993832	CAN-Valve: Y268 Voltage supply above permissible range Issue of error, valve in neutral position Check supply voltage	Y268:X1:2/3		E	1
993833	CAN-Valve: Y268 Slide deflected too short Output of error Check valve, check oil supply	Y268:X1:2/3		E	1
993834	CAN-Valve: Y268 Slide deflected too far Issue of error, valve in neutral position Check valve, (Blockage)	Y268:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993835	CAN-Valve: Y268 Valve float position not reached Issue of error, valve in neutral position Check oil supply, check mech. influences on valve	Y268:X1:2/3		E	1
993836	CAN-Valve: Y268 Manual actuation Output of error Check manual activation on valve	Y268:X1:2/3		B	1
993839	CAN-Valve: Y268 Supply voltage above safety limit Issue of error, valve in neutral position Check supply voltage	Y268:X1:2/3		E	1
993841	CAN-Valve: Y268 Calibration data invalid Issue of error, valve remains after start in neutral pos. Replace valve	Y268:X1:2/3		E	1
993842	CAN-Valve: Y268 Initial power erroneous Issue of error, valve in neutral position Replace valve	Y268:X1:2/3		E	1
993843	CAN-Valve: Y268 Position error Issue of error, valve in neutral position Replace valve	Y268:X1:2/3		E	1
993844	CAN-Valve: Y268 Supply voltage Position sensor erroneous Issue of error, valve in neutral position Check sensors for short circuit, replace valve, if nec.	Y268:X1:2/3		E	1
993845	CAN-Valve: Y268 Monitor inactive Issue of error, valve in neutral position Contact Service	Y268:X1:2/3		E	1
993846	CAN-Valve: Y268 Nominal value message configuration error Issue of error, valve remains after start in neutral pos. Contact Service	Y268:X1:2/3		E	1
993847	CAN-Valve: Y268 Calibration error Issue of error, valve remains after start in neutral pos. Contact Service	Y268:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993848	CAN-Valve: Y268 Nominal value message too long / too short Issue of error, valve in neutral position Contact Service	Y268:X1:2/3		E	1
993849	CAN-Valve: Y268 Program error / Stack error Issue of error, valve in neutral position Turn off / on	Y268:X1:2/3		E	1
993851	CAN-Valve: Y268 Internal configuration error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y268:X1:2/3		E	1
993852	CAN-Valve: Y268 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y268:X1:2/3		E	1
993853	CAN-Valve: Y268 Parameter for curve function incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y268:X1:2/3		E	1
993854	CAN-Valve: Y268 Parameter for analog signal incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y268:X1:2/3		E	1
993855	CAN-Valve: Y268 Parameter for current check incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y268:X1:2/3		E	1
993856	CAN-Valve: Y268 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y268:X1:2/3		E	1
993857	CAN-Valve: Y268 Internal error Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y268:X1:2/3		E	1
993858	CAN-Valve: Y268 Parameter for analog interface incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y268:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
993859	CAN-Valve: Y268 Parameter for spool test incorrect Issue of error, valve remains after start in neutral pos. Check parameter settings, contact Service	Y268:X1:2/3		E	1
993861	CAN-Valve: Y268 Identifier outside permissible range Issue of error, no more communication possible with BTB Check parameter settings, contact Service	Y268:X1:2/3		E	1
993881	CAN-Valve: Y268 Valve slide blocked Issue of error, Stop oil supply Check valve spool, check position sensor	Y268:X1:2/3		E	1
993882	CAN-Valve: Y268 Valve slide not in neutral position at start Output of error Check valve spool, check position sensor	Y268:X1:2/3		E	1
993883	CAN-Valve: Y268 Erroneous check sum Issue of error, Stop oil supply Replace valve	Y268:X1:2/3		E	1
993884	CAN-Valve: Y268 Error in CPU / Stack / RAM Issue of error, Stop oil supply Replace valve	Y268:X1:2/3		E	1
993891	CAN-Valve: Y268 General program error Issue of error, Stop oil supply Replace valve	Y268:X1:2/3		E	1
9938D0	CAN-Valve: Y268 CAN-communication withBTB1 faulty Issue of error, Stop oil supply Check CAN-connections	Y268:X1:2/3		E	1
9938D1	CAN-Valve: Y268 CAN-communication withBTB2 faulty Issue of error, Stop oil supply Check CAN-connections	Y268:X1:2/3		E	1
9938D2	CAN-Valve: Y268 CAN-communication withBTB3 faulty Issue of error, Stop oil supply Check CAN-connections	Y268:X1:2/3		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
9938D7	CAN-Valve: Y268 CAN-communication with BTB4 erroneous	Y268:X1:2/3		E	1
B78FA0	LSB-TE7: control heating/air conditioning Set air circ./ no fresh air ground/back measure short circuit VCC	A87		E	1
B78FA1	LSB-TE7: control heating/air conditioning Set air circ. / no fresh air VCC / back measure short circuit ground	A87		E	1
B78FA2	LSB-TE7: control heating/air conditioning Set air circ. / fresh air flap blocked	A87		E	1
B78FA3	LSB-TE7: control heating/air conditioning Set air circ. / fresh air left interruption / short circuit ground	A87		E	1
B78FA4	LSB-TE7: control heating/air conditioning Set air circ. / fresh air right interruption / short circuit ground	A87		E	1
B78FA5	LSB-TE7: control heating/air conditioning Set air foot / window ground missing / back measure short circuit VCC	A87		E	1
B78FA6	LSB-TE7: control heating/air conditioning Set air foot / window VCC missing / back measure short circuit ground	A87		E	1
B78FA7	LSB-TE7: control heating/air conditioning Set air foot / window flap blocked	A87		E	1
B78FA8	LSB-TE7: control heating/air conditioning Set air foot / window left interruption / short circuit ground	A87		E	1

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

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

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

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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 Function locked: sequence of key actuation not observed Entry in error stack Carry out the manual buttons release	A371		B	1
F0F0A2	LSB-BKE1: Control Function blocked: button actuation impermissible Entry in error stack Press only one function key	A371		B	1
F0F108	LSB-BKE1: System error OS-CPU EEPROM erroneous Blinker code on internal LED, entry in error stack, no reaction Replace module	A371		E	1
F0F120	LSB-BKE1: System error OS-CPU task-watchdog expired Blinker code on internal LED, entry in error stack, no reaction Replace module	A371		E	2
F0F1C0	LSB-BKE1: System error OS-CPU Hardware / Software erroneous Blinker code on internal LED, entry in error stack, no reaction Replace module	A371		E	2
F0FC5A	LSB-BKE1: Control data transfer LSB Parameter block has erroneous test sum Entry in error stack Replace module	A371		E	1
F0FC5B	LSB-BKE1: Control data transfer LSB Short circuit on 2nd LSB-Transistor Entry in error stack Replace module	A371		E	1
F41963	LSB-BTB4: LSBA Participant Adr. 25 not available or open line	A34.X4:12		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F41A63	LSB-BTB4: LSBA Participant Adr. 26 not available or open line	A34.X4:12		E	1
F43508	LSB-BTB4: LSBB Participant Adr. 5 bus transmission exceeded	A34.X4:9		E	1
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
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
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
F48A28	LSB-BTB4: Operation crawler Drive crawler not possible - crawler not turned on	A34		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
F4ACF5	LSB-BTB4: operation supports Support 4 may not proceed in this direction	A34		B	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
F4C50F	LSB-BTB4: System voltage Logic / CPU0 different information on other processor	A34		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4C604	LSB-BTB4: System voltage CPU/Logic / CPU0 level exceeded	A34		E	2
F4C605	LSB-BTB4: System voltage CPU/Logic / CPU0 below minimum level	A34		E	2
F4C60F	LSB-BTB4: System voltage CPU/Logic / CPU0 different information on other processor	A34		E	2
F4C704	LSB-BTB4: Supply voltage 30 (A0-7) / CPU0 level exceeded	A34.X1:2/3		E	2
F4C705	LSB-BTB4: Supply voltage 30 (A0-7) / CPU0 below minimum level	A34.X1:2/3		E	2
F4C804	LSB-BTB4: Supply voltage 15.1 / CPU0 level exceeded	A34.X1:1		E	2
F4C805	LSB-BTB4: Supply voltage 15.1 / CPU0 below minimum level	A34.X1:1		E	2
F4C80F	LSB-BTB4: Supply voltage 15.1 / CPU0 different information on other processor	A34.X1:1		E	2
F4CC04	LSB-BTB4: System voltage Logic / CPU1 level exceeded	A34		E	2
F4CC05	LSB-BTB4: System voltage Logic / CPU1 below minimum level	A34		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4CC0F	LSB-BTB4: System voltage Logic / CPU1 different information on other processor	A34		E	2
F4CD04	LSB-BTB4: System voltage CPU/Logic / CPU1 level exceeded	A34		E	2
F4CD05	LSB-BTB4: System voltage CPU/Logic / CPU1 below minimum level	A34		E	2
F4CD0F	LSB-BTB4: System voltage CPU/Logic / CPU1 different information on other processor	A34		E	2
F4CE04	LSB-BTB4: Supply voltage 30 (A8-15) / CPU1 level exceeded	A34.X2:2/3		E	2
F4CE05	LSB-BTB4: Supply voltage 30 (A8-15) / CPU1 below minimum level	A34.X2:2/3		E	2
F4CF04	LSB-BTB4: Supply voltage 15.1 / CPU1 level exceeded	A34.X2:1		E	2
F4CF05	LSB-BTB4: Supply voltage 15.1 / CPU1 below minimum level	A34.X2:1		E	2
F4CF0F	LSB-BTB4: Supply voltage 15.1 / CPU1 different information on other processor	A34.X2:1		E	2
F4D004	LSB-BTB4: Digital input E0 level exceeded	A34.X1:4		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4D005	LSB-BTB4: Digital input E0 below minimum level	A34.X1:4		E	2
F4D012	LSB-BTB4: Digital input E0 short circuit to ground	A34.X1:4		E	1
F4D014	LSB-BTB4: Digital input E0 short circuit to supply voltage	A34.X1:4		E	1
F4D104	LSB-BTB4: Digital input E1 level exceeded	A34.X1:5		E	2
F4D105	LSB-BTB4: Digital input E1 below minimum level	A34.X1:5		E	2
F4D204	LSB-BTB4: Digital input E2 level exceeded	A34.X1:6		E	2
F4D205	LSB-BTB4: Digital input E2 below minimum level	A34.X1:6		E	2
F4D304	LSB-BTB4: Digital input E3 level exceeded	A34.X1:7		E	2
F4D305	LSB-BTB4: Digital input E3 below minimum level	A34.X1:7		E	2
F4D354	LSB-BTB4: Digital input E3 short circuit to supply voltage	A34.X1:7		E.	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4D356	LSB-BTB4: Digital input E3 open circuit or short circuit to ground	A34.X1:7		E.	1
F4D454	LSB-BTB4: Digital input E4 short circuit to supply voltage	A34.X1:8		E.	1
F4D456	LSB-BTB4: Digital input E4 open circuit or short circuit to ground	A34.X1:8		E.	1
F4D554	LSB-BTB4: Digital input E5 short circuit to supply voltage	A34.X1:9		E.	1
F4D556	LSB-BTB4: Digital input E5 open circuit or short circuit to ground	A34.X1:9		E.	1
F4D804	LSB-BTB4: Digital input E8 level exceeded	A34.X2:4		E	2
F4D805	LSB-BTB4: Digital input E8 below minimum level	A34.X2:4		E	2
F4D904	LSB-BTB4: Digital input E9 level exceeded	A34.X2:5		E	2
F4D905	LSB-BTB4: Digital input E9 below minimum level	A34.X2:5		E	2
F4DA04	LSB-BTB4: Digital input E10 level exceeded	A34.X2:6		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4DA05	LSB-BTB4: Digital input E10 below minimum level	A34.X2:6		E	2
F4DB04	LSB-BTB4: Digital input E11 level exceeded	A34.X2:7		E	2
F4DB05	LSB-BTB4: Digital input E11 below minimum level	A34.X2:7		E	2
F4DE54	LSB-BTB4: Digital input E14 short circuit to supply voltage	A34.X2:10		E	1
F4DE56	LSB-BTB4: Digital input E14 open circuit or short circuit to ground	A34.X2:10		E	1
F4E012	LSB-BTB4: Switching output A0 short circuit to ground	A34.X1.12		E	2
F4E01D	LSB-BTB4: Switching output A0 Initial current outside permissible range	A34.X1.12		E	2
F4E054	LSB-BTB4: Switching output A0 short circuit to supply voltage	A34.X1.12		E	2
F4E072	LSB-BTB4: Switching output A0 outside source feeding	A34.X1.12		E	2
F4E112	LSB-BTB4: Switching output A1 short circuit to ground	A34.X1.13		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4E11D	LSB-BTB4: Switching output A1 Initial current outside permissible range	A34.X1.13		E	2
F4E154	LSB-BTB4: Switching output A1 short circuit to supply voltage	A34.X1.13		E	2
F4E172	LSB-BTB4: Switching output A1 outside source feeding	A34.X1.13		E	2
F4E212	LSB-BTB4: Switching output A2 short circuit to ground	A34.X1.14		E	2
F4E21D	LSB-BTB4: Switching output A2 Initial current outside permissible range	A34.X1.14		E	2
F4E254	LSB-BTB4: Switching output A2 short circuit to supply voltage	A34.X1.14		E	2
F4E272	LSB-BTB4: Switching output A2 outside source feeding	A34.X1.14		E	2
F4E312	LSB-BTB4: Switching output A3 short circuit to ground	A34.X1.15		E	2
F4E31D	LSB-BTB4: Switching output A3 Initial current outside permissible range	A34.X1.15		E	2
F4E354	LSB-BTB4: Switching output A3 short circuit to supply voltage	A34.X1.15		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4E372	LSB-BTB4: Switching output A3 outside source feeding	A34.X1.15		E	2
F4E412	LSB-BTB4: Switching output A4 short circuit to ground	A34.X1.16		E	2
F4E41D	LSB-BTB4: Switching output A4 Initial current outside permissible range	A34.X1.16		E	2
F4E454	LSB-BTB4: Switching output A4 short circuit to supply voltage	A34.X1.16		E	2
F4E472	LSB-BTB4: Switching output A4 outside source feeding	A34.X1.16		E	2
F4E512	LSB-BTB4: Switching output A5 short circuit to ground	A34.X1.17		E	2
F4E51D	LSB-BTB4: Switching output A5 Initial current outside permissible range	A34.X1.17		E	2
F4E554	LSB-BTB4: Switching output A5 short circuit to supply voltage	A34.X1.17		E	2
F4E572	LSB-BTB4: Switching output A5 outside source feeding	A34.X1.17		E	2
F4E612	LSB-BTB4: Switching output A6 short circuit to ground	A34.X1.18		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4E61D	LSB-BTB4: Switching output A6 Initial current outside permissible range	A34.X1.18		E	2
F4E654	LSB-BTB4: Switching output A6 short circuit to supply voltage	A34.X1.18		E	2
F4E672	LSB-BTB4: Switching output A6 outside source feeding	A34.X1.18		E	2
F4E712	LSB-BTB4: Switching output A7 short circuit to ground	A34.X1.19		E	2
F4E71D	LSB-BTB4: Switching output A7 Initial current outside permissible range	A34.X1.19		E	2
F4E754	LSB-BTB4: Switching output A7 short circuit to supply voltage	A34.X1.19		E	2
F4E772	LSB-BTB4: Switching output A7 outside source feeding	A34.X1.19		E	2
F4E812	LSB-BTB4: Switching output A8 short circuit to ground	A34.X2.12		E	2
F4E81D	LSB-BTB4: Switching output A8 Initial current outside permissible range	A34.X2.12		E	2
F4E854	LSB-BTB4: Switching output A8 short circuit to supply voltage	A34.X2.12		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
F4EB12	LSB-BTB4: Switching output A11 short circuit to ground	A34.X2.15		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4EB1D	LSB-BTB4: Switching output A11 Initial current outside permissible range	A34.X2.15		E	2
F4EB54	LSB-BTB4: Switching output A11 short circuit to supply voltage	A34.X2.15		E	2
F4EB72	LSB-BTB4: Switching output A11 outside source feeding	A34.X2.15		E	2
F4EC12	LSB-BTB4: Switching output A12 short circuit to ground	A34.X2.16		E	2
F4EC1D	LSB-BTB4: Switching output A12 Initial current outside permissible range	A34.X2.16		E	2
F4EC54	LSB-BTB4: Switching output A12 short circuit to supply voltage	A34.X2.16		E	2
F4EC72	LSB-BTB4: Switching output A12 outside source feeding	A34.X2.16		E	2
F4ED12	LSB-BTB4: Switching output A13 short circuit to ground	A34.X2.17		E	2
F4ED1D	LSB-BTB4: Switching output A13 Initial current outside permissible range	A34.X2.17		E	2
F4ED54	LSB-BTB4: Switching output A13 short circuit to supply voltage	A34.X2.17		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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		E	2
F4EF1D	LSB-BTB4: Switching output A15 Initial current outside permissible range	A34.X2.19		E	2
F4EF54	LSB-BTB4: Switching output A15 short circuit to supply voltage	A34.X2.19		E	2
F4EF72	LSB-BTB4: Switching output A15 outside source feeding	A34.X2.19		E	2
F4F002	LSB-BTB4: System error OS-CPU0 initialising error test total in EPROM/FLASH erroneous	A34		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
F4F080	LSB-BTB4: System error OS-CPU0 Fatal internal error	A34		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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
F4F173	LSB-BTB4: System error OS-CPU1 interpreter error At P0=00000013 carry out download	A34		E	1

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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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.X4:1/2/14/13		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.X4:1/2/14/13		E	2
F4F902	LSB-BTB4: Control data transfer CAN EP1 Configuration error Software Error message, CAN report is not configured Check software	A34.X4:1/2/14/13		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.X4:1/2/14/13		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.X4:1/2/14/13		E	1
F4F906	LSB-BTB4: Control data transfer CAN EP1 fatal run time error at RAM-check Controller Error message, CAN-driver is stopped replace control device	A34.X4:1/2/14/13		E	2

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
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.X4:1/2/14/13		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
F4FA5F	LSB-BTB4: Control data transfer CAN-A Malfunction, all participants missing	A34.X3:7/8		E	1
F4FB00	LSB-BTB4: Control data transfer CAN-B internal error at Register-check Controller CAN-transfer is not started replace control device	A34.X3:3/4		E	1

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
F4FB5F	LSB-BTB4: Control data transfer CAN-B Malfunction, all participants missing	A34.X3:3/4		E	1
F4FC00	LSB-BTB4: Control data transfer CAN-C internal error at Register-check Controller CAN-transfer is not started replace control device	A34.X4:1/2		E	1
F4FC01	LSB-BTB4: Control data transfer CAN-C internal error at RAM-check Controller CAN-transfer is not started replace control device	A34.X4:1/2		E	1
F4FC02	LSB-BTB4: Control data transfer CAN-C Configuration error Software Error message, CAN report is not configured Check software	A34.X4:1/2		E	1

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4FC04	LSB-BTB4: Control data transfer CAN-C Configuration error time synchronization Time synchronization already active or is not configured Check software	A34.X4:1/2		E	1
F4FC05	LSB-BTB4: Control data transfer CAN-C Configuration error IOX-gateway AEW-Gateway already active or is not configured Check software	A34.X4:1/2		E	1
F4FC06	LSB-BTB4: Control data transfer CAN-C fatal run time error at RAM-check Controller Error message, CAN-driver is stopped replace control device	A34.X4:1/2		E	2
F4FC11	LSB-BTB4: Control data transfer CAN-C permanent error bus connection timeout for CAN-reports, parametric default values are used CAN-Bus lines, end resistors (2x120 Ohm parallel = 60 Ohm), check control units on bus	A34.X4:1/2		E	1
F4FC5F	LSB-BTB4: Control data transfer CAN-C Malfunction, all participants missing	A34.X4:1/2		E	1
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

Fehler-Nr.	Fehlertext / Reaktion / Behebung	Stecker	Blatt	K	W
F4FD06	LSB-BTB4: Control data transfer CAN-D fatal run time error at RAM-check Controller Error message, CAN-driver is stopped replace control device	A34.X4:14/13		E	2
F4FD11	LSB-BTB4: Control data transfer CAN-D permanent error bus connection timeout for CAN-reports, parametric default values are used CAN-Bus lines, end resistors (2x120 Ohm parallel = 60 Ohm), check control units on bus	A34.X4:14/13		E	1
F4FD5F	LSB-BTB4: Control data transfer CAN-D Malfunction, all participants missing	A34.X4:14/13		E	1
FE0000	Unknown Device: System error or unknown path Configuration file missing or faulty			E	2
FE0171	Unknown Device: System error or unknown path Structure file missing or faulty error indication on display Inform Service of all error parameters and replace module			E	2
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