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Fault ID	Descriptive Text in Central	Possible Causes	Corrective Actions
1	FAAST module suction	A fault was detected in the timing set for suction.	Check the FAAST unit and its configuration.
2	Battery autonomy < 6 months	The batteries of the Agile wireless device are running low.	Replace the batteries in the Agile wireless device.
3	Low sensor chamber value	A hardware problem occurred with the sensor device.	Replace the device.
4	9V battery empty CPU no.	The buffer battery is discharging.	Replace the battery.
5	9V battery disconnected CPU no.	The buffer battery is not installed.	Install the battery.
6	Defective CPU Batteries No.	Batteries not correctly recharged: the recharging voltage is not above 16.5Vdc.	Replace both batteries. If voltage measured is <= 16.5 Vdc Probable board fault. Replace power supply module.
7	CPU dead batteries no.	Check that the battery cables are correctly connected to the terminals and check the battery fuse.	Replace the battery. Use only the recommended battery.
8	Batteries disconnected CPU no.	The cables to the control unit battery are disconnected.	Check that the battery cables are correctly connected to the terminals and check the battery fuse. Check the connections of the two batteries, connector and cable integrity including any flat cable between the front board and base board.
9	Charger disabled (I>Imax.a) CPU no.	The battery charger has been disabled to allow the power supply to deliver its maximum current (Imax.b) to the functionality of the control unit.	Wait for the alarm condition to cease.
10	Missing licence key CPU no.	The control unit does not have a licence key type E-SIB / E-SIB-S /E-SIB-M to enable the required connections.	Install the door opener hardware key to the required enable.
11	Invalid manufacturer code	A device not compatible with the loop protocol was detected.	Ensure that the compatible device is installed in the identified location
12	Sensor drift	This is a maintenance notice for a sensor.	Clean the device or replace it with an equivalent one.
13	CPU Active Firmware Upgrade Dip No.	The selector switch(es) for enabling Firmware download has/have been left in the ON position.	Return the Firmware download enable switch(es) to the OFF position.
14	CPU active config. dip no.	The selector switch(es) for enabling the import or export of the central unit configuration file has/have been left in the ON position.	Return the switch(es) for enabling the import or export of the central unit configuration file to the OFF position.
15	CPU ground dispersion no.	The plant is detecting a ground fault.	Remove all JDSPEx jumpers and insert them one at a time until the section subject to earth fault is identified. In the circuit thus identified, remove the earth fault (insulation resistance > 100Kohm).
16	High internal battery resistance 1 CPU no.	the battery discharge circuit (including batteries) has too high resistance value.	Replace both batteries.
17	High internal battery resistance 2 CPU no.	the battery discharge circuit (including batteries) has too high resistance value.	Replace both batteries.
18	High internal CPU battery resistance no.	the battery discharge circuit (including batteries) has too high resistance value.	Replace both batteries.
19	Err. data config. LIB no.	An error occurred while downloading the configuration. The configuration data in the control unit are corrupted.	Send programming back to the control unit.

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20	Err. FileSystem LIB no.	An error occurred while downloading the configuration. The configuration data in the control unit are corrupted.	Send programming back to the control unit.
21	Beam Blockage' Fault	Check that the field of vision between the transmitter and the reflector of the linear barrier is not obstructed.	Find and remove the obstacle causing the blockage.
22	Beam Signal Over Range' fault	Increased reflected signal in an addressed linear barrier.	Inspect the optical line between the transmitter and the reflector for reflective objects in the path of the beam. Alternatively, ensure that sunlight does not shine on the reflector at certain times of the day.
23	Test failed' fault	The functional test of an addressed linear detector failed. This test is performed either by using the test key remotely or by pressing the test button on the linear barrier. Both procedures force the detector to signal an alarm condition.	If the test fails, the unit is faulty and must be replaced.
24	RPT Power Supply Failure No.	The power supply which supplies the 24 VDC to the CANBUS Booster board has a fault.	Check the 24 VDC connections on the CANBUS Booster board. Check the additional power supply for mains presence, battery connection and any other active fault signals.
25	Module battery failure	The batteries of the AGILE Wireless Module are discharged or defective.	Replace batteries with the approved type.
26	Sensor battery failure	The batteries of the AGILE Wireless Sensor are discharged or defective.	Replace batteries with the approved type.
27	CAN channel fault A CPU no.	Side A of the CANBUS connection has an interruption.	Check the connection status in the CANBUS diagnostics menu. Perform integrity checks on the CANBUS cable, impedance and insulation parameters.
28	CAN B CPU channel fault no.	The B-side of the CANBUS connection has an interruption.	Check the connection status in the CANBUS diagnostics menu. Perform integrity checks on the CANBUS cable, impedance and insulation parameters.
29	CAN B CPU channel fault no.	The B-side of the CANBUS connection has an interruption.	Check the connection status in the CANBUS diagnostics menu. Perform integrity checks on the CANBUS cable, impedance and insulation parameters.
30	CAN B channel fault RPT no.	The B-side of the CANBUS Booster connection has an interruption.	Check the connection status in the CANBUS diagnostics menu. Perform integrity checks on the CANBUS cable, impedance and insulation parameters.
31	Loop Communication Failure	A communication or transmission error was detected. Fire protection may be compromised	Switch the control unit off and on again. Check the line parameters as described in the manual. Verify that the problem is resolved. For assistance, contact Notifier Technical Support.
32	Low line impedance fault	Unstable return line connection.	Check that the cables are securely wired in the loop terminal block. Carry out the Line Test as stated in the control unit manual. Dissect the line progressively to locate the section of cable affected by the problem for resolution.

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Fault ID	Descriptive Text in Central	Possible Causes	Corrective Actions
33	CPU main power diode failure No.	Card Fault.	Replace the power supply module.
34	Main power diode failure exp. CPU no.	Card Fault.	Replace the power supply module.
35	Non-operational device fault	The Linear Barrier device is damaged or inoperative.	Replace the device.
36	CPU alarm fuse failure no.	The output is overloaded.	Check that the load connected to the circuit is below the maximum permissible limit. Check the electrical parameters of the connection lines.
37	CPU siren fuse failure no.	The output is overloaded.	Check that the load connected to the circuit is below the maximum permissible limit. Check the electrical parameters of the connection lines.
39	User fuse fault 1 CPU no.	The output is overloaded.	Check that the load connected to the circuit is below the maximum permissible limit. Check the electrical parameters of the connection lines.
40	User fuse fault 2 CPU no.	The output is overloaded.	Check that the load connected to the circuit is below the maximum permissible limit. Check the electrical parameters of the connection lines.
41	CPU user fuse failure no.	The output is overloaded.	Check that the load connected to the circuit is below the maximum permissible limit. Check the electrical parameters of the connection lines.
42	Internal CPU power supply failure no.	Board fault.	Replace the power supply module.
43	Internal module failure	The device is damaged or non-operational.	Replace the device.
44	Internal sensor failure	The device is damaged or non-operational.	Replace the device.
45	CPU main micro failure no.	Abrupt power surge. Watch Dog event.	Disconnect the control unit by disconnecting batteries and mains. Wait 1 minute and power up the control unit again. Press the Watch Dog reset button on the main PCB. If the problem persists, replace the main PCB.
46	RF link module failure	The signal strength is not sufficient for communication between wireless devices.	Use a wireless signal measuring instrument to check signal quality and take corrective action to increase signal strength.
47	RF link sensor failure	The signal strength is not sufficient for communication between wireless devices.	Use a wireless signal measuring instrument to check signal quality and take corrective action to increase signal strength.
48	Open module isolator	A short circuit was detected upstream or downstream of the device.	Check the electrical parameters of the loop line in or out of the device and reset the wiring as indicated in the device documentation.
49	Open sensor isolator	A short circuit was detected upstream or downstream of the device.	Check the electrical parameters of the loop line in or out of the device and reset the wiring as indicated in the device documentation.
50	Module counter line open	The connection line between the module and the alarm device is interrupted. The end-of-line resistor on the last device connected to the controlled output of the module is missing.	Check the integrity of the connection cable between the module and the alarm devices. Install the end-of-line resistor on the last device. Reduce the length of the cable or increase its cross-section.

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51	Faulty module counter line	The controlled output of the module does not function properly.	Check the integrity of the connection cable between the module and the alarm devices. Install the end-of-line resistor on the last device.
52	Shorted module line	The connection line between the module and the alarm devices is short-circuited.	Check the electrical parameters of the connection cable between the module and the alarm devices and reset the wiring as indicated in the device documentation.
53	Line controlled open alarm relay CPU no.	The connection line to the device to be powered is interrupted. The end-of-line resistor on the last device connected to the output is missing. The siren output connection circuit has too high a resistance high > 13ohm.	Check the integrity of the connection cable to the connected devices. Install the end-of-line resistor on the last device. Reduce the cable length or increase the cable cross-section.
54	Line controlled open fault relay CPU no.	The connection line to the device to be powered is interrupted. The end-of-line resistor on the last device connected to the output is missing. The siren output connection circuit has too high a resistance high > 13ohm.	Check the integrity of the connection cable to the connected devices. Install the end-of-line resistor on the last device. Reduce the cable length or increase the cable cross-section.
55	Relay controlled line USR1 open CPU no.	The connection line to the device to be powered is interrupted. The end-of-line resistor on the last device connected to the output is missing. The siren output connection circuit has too high a resistance high > 13ohm.	Check the integrity of the connection cable to the connected devices. Install the end-of-line resistor on the last device. Reduce the cable length or increase the cable cross-section.
56	Relay controlled line USR2 open CPU no.	The connection line to the device to be supplied is interrupted. The end-of-line resistor on the last device connected to the output is missing. The siren output connection circuit has too high a resistance high > 13ohm.	Check the integrity of the connection cable to the connected devices. Install the end-of-line resistor on the last device. Reduce the cable length or increase the cable cross-section.
57	CPU open siren line no.	The connection line to the device to be powered is interrupted. The end-of-line resistor on the last device connected to the output is missing. The siren output connection circuit has too high a resistance high > 13ohm.	Check the integrity of the connection cable to the connected devices. Install the end-of-line resistor on the last device. Reduce the cable length or increase the cable cross-section.
58	Line controlled alarm relay short CPU no.	The connection line to the powered device is short-circuited. The output connection circuit has too low a resistance < 1000ohm	Check the electrical parameters of the connection cable to the powered devices and restore the wiring as indicated in the control unit documentation. Search for and remove short-circuit or leakage between positive and negative
59	Controlled line CPU short fault relay No.	The connection line to the powered device is short-circuited. The output connection circuit has too low a resistance < 1000ohm.	Check the electrical parameters of the connection cable to the powered devices and restore the wiring as indicated in the control unit documentation. Search for and remove short-circuit or leakage between positive and negative.
60	Relay-controlled line USR1 shorted CPU no.	The connection line to the powered device is short-circuited. The output connection circuit has too low a resistance < 1000ohm.	Check the electrical parameters of the connection cable to the powered devices and restore the wiring as indicated in the control unit documentation.

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			Search for and remove short-circuit or leakage between positive and negative.
61	Relay-controlled line USR2 shorted CPU no.	The connection line to the powered device is short-circuited. The output connection circuit has too low a resistance < 1000ohm.	Check the electrical parameters of the connection cable to the powered devices and restore the wiring as indicated in the control unit documentation. Search for and remove short-circuit or leakage between positive and negative.
62	Shorted siren line CPU no.	The connection line to the powered device is short-circuited. The output connection circuit has too low a resistance < 1000ohm.	Check the electrical parameters of the connection cable to the powered devices and restore the wiring as indicated in the control unit documentation. Search for and remove short-circuit or leakage between positive and negative.
63	Open loop	The loop configured as closed has an interruption. Isolating devices have intervened to section the line.	Carry out the Line Test as described in the manual of the control unit. Dissect the line progressively to identify the section of cable affected by the problem for resolution.
64	Shorted loops	Wiring of the line was not carried out correctly. The polarities of the cables have been reversed.	Carry out the Line Test as described in the manual of the control unit. Dissect the line progressively to identify the section of cable affected by the problem for resolution.
65	Lack of CPU network no.	A power grid fault has been detected	Check the mains fuse in the panel and the fuse holder, also check the mains voltage of the PSU and the internal wiring.
66	Sensor Maintenance	The sensor is becoming contaminated and there is a significant build-up of dust in the optical chamber.	Clean the sensor. If the fault persists, replace the device.
67	Maximum no. of configuration attempts passed	Repeated configuration operation of the same parameter or device.	Exit programming, wait a few minutes, try programming again.
68	Non progr. MA-LCD7 No.	The device is connected and powered but not configured in the control unit.	Carry out the configuration at the centre.
69	Not programmed CPU no.	The device is connected and powered but not configured in the control unit.	Carry out the configuration at the centre.
70	Unscheduled LIB no.	The device is connected and powered but not configured in the control unit.	Carry out the configuration at the centre.
71	Unscheduled RPT No.	The device is connected and powered but not configured in the control unit.	Carry out the configuration at the centre.
72	Offline CPU no.	Device configured but not communicating with the control unit network.	Check power supplies. Check the CANBUS line.
73	Offline MA-LCD7 No.	Device configured but not communicating with the control unit network.	Check the device's power supply line. Check the serial device's programming and address assignment, the DIP settings in the central control unit for which type of interface, the programming of the serial device, the connections and polarity at the relevant terminals until you see the answers signalled by the flashing of the communication LED on the PCB.
74	Offline LIB no.	Device configured but not communicating with the control unit network.	Check the device's power supply line. Check the address assignment, DIP settings at the control centre for which type of interface, flat cable connections.
75	Offline RPT no.	Device configured but not communicating with the control unit network.	Check the device's power supply line. Check the address assignment, the settings on the CANBUS Booster DIP switch for address assignment, and connections and polarity at the relevant terminals until you see the answers signalled by the flashing of the communication LED on the PCB.

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76	Modified Par.lines	The reliability parameters; of the lines were changed from the default value.	Restore default values.
77	Loss of events on LIB no.	Abrupt power surge. Watch Dog event. Processor lockout.	Disconnect the control unit by disconnecting batteries and mains. Wait 1 minute and power up the control unit again. Press the Watch Dog reset button on the main PCB. If the problem persists, replace the main PCB.
78	FAAST module scope	A high or low suction flow was detected. This fault is related to the air sampling equipment of the ASD. This fault indicates that the air flow in the vacuum cleaner is outside the range required for proper operation.	Check the air flow and make adjustments if necessary.
79	First CPU start-up no.	The device was either powered for the first time or re-powered after being completely switched off (no mains and batteries).	Perform a system reset.
80	First power-up MA-LCD7 no.	The device was either powered for the first time or re-powered after being completely switched off (no mains).	Perform a system reset.
81	First ignition LIB no.	The device was either powered for the first time or re-powered after being completely switched off (no mains and batteries).	Perform a system reset.
82	Points not allocated to zones	At least one field device is not associated with any Zone.	Associate devices with the designated Zone.
83	CPU Reset No.	Watch Dog event.	Press the Watch Dog reset button on the main PCB. If the problem persists contact Notifier Technical Support
84	Reset or drop wdog CPU no.	Processor restarted after watch dog activation. Memory content error, invalid operation.	Reset watch dog using the dedicated button on the main PCB.
85	Reset or fall wdog MA-LCD7 no.	Processor restarted after watch dog activation. Memory content error, invalid operation .	Reset watch dog using the dedicated button on the main PCB.
86	Loop resistance too high	The Loop's cable resistance value exceeds the maximum permissible value.	Reduce the cable length or increase the cable cross-section.
87	Invalid reply form	Occasional Indication: Loop cable incorrectly routed Interaction of Loop cable with other cables Suitability of the Loop cable type used Resistive value of the Loop cable outside the prescribed limits Stable Indication Wrong device programming data Wrong device connection The control unit is no longer able to communicate with a device. A system component is not responding.	Indication Occasional: Check the correct routing of the Loop cable Check the interaction of the Loop cable with other cables Check the suitability of the Loop cable type used Check the resistive value of the Loop cable within the prescribed limits If the problem persists replace the device. Indication Stable: Check device programming data Check device connection Check the colour and status of the device LED. Ensure that the device is installed correctly and that the wires are secured to the device terminals. If the fault persists, replace the device.
88	Invalid sensor response	Wrong device programming data Wrong device connection The control unit is no longer able to communicate with a device. A system component is not responding.	Check device programming data Check device connection Check the colour and status of the device LED. Ensure that the device is installed correctly and that the wires are secured to the device terminals. If the fault persists, replace the device.

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89	Battery Recharge Failure 1 CPU no.	Batteries not properly charged: the charging voltage of the two batteries differs more than 3.4 Vdc.	Replace the batteries. If the problem is not resolved, replace the power supply module.
90	Battery recharge 2 CPU no.	Batteries not properly charged: the charging voltage of the two batteries differs more than 3.4 Vdc.	Replace the batteries. If the problem is not resolved, replace the power supply module.
91	CPU Recharge No.	Batteries not properly charged: the charging voltage of the two batteries differs more than 3.4 Vdc.	Replace the batteries. If the problem is not resolved, replace the power supply module.
92	Decompensation recharge esp. CPU no.	Batteries not properly charged: the charging voltage of the two batteries differs more than 3.4 Vdc.	Replace the batteries. If the problem is not resolved, replace the power supply module.
93	Battery temp. sensor short-circuited CPU no.	The temperature sensor is faulty.	Replace the temperature sensor.
94	Battery temp. sensor disconnected CPU no.	The temperature sensor is not installed.	Install the temperature sensor.
95	CPU battery release no.	In the Power Failure state, the Batteries have reached a voltage <=19.5Vdc (next central shutdown).	Restore mains voltage.
96	UNSCHEDULED SIB	The device is connected and powered but not configured in the control unit.	Carry out the configuration at the centre.
97	SIB DOES NOT ANSWER	The device is connected, powered and configured but not recognised by the control unit.	Check the status of the communication LEDs on the SIB board. If the communication is missing, disconnect the control unit by disconnecting the mains and batteries, wait 1 minute, check that the flat connector between the SIB and the CPU is correctly installed, power up the control unit again. If the problem is not resolved, replace the SIB board.
98	FAAST sounder short-circuited	The connection line to the powered device is short-circuited.	Check the electrical parameters of the connection cable to the powered devices and restore the wiring as indicated in the control unit documentation. Search for and remove short-circuit or leakage between positive and negative
99	FAAST sounder disconnected	The connection line to the alarm device is interrupted. The end-of-line resistor on the last device connected to the controlled output of the module is missing.	Check the integrity of the connection cable to the alarm device. Install the end-of-line resistor on the last device. Reduce the cable length or increase the cable cross-section.
100	Overtemperature loop	Loop too long. Induced line tensions. High line resistance. Faulty devices connected to the line.	Divide the line into several sections. Carry out the Line Test as described in the control unit manual. Check with the POL-200-TS the electrical parameters and restore the wiring and line routing within the equipment operating limits.
101	CPU main power supply overvoltage No.	Power supply module out of calibration (upper). Is the voltage on CNAL 24.30Vdc +/- 0.1Vdc?	Act on the trimmer of the power supply module until the voltage is calibrated in the prescribed range. If adjustment is impossible, replace the power supply module.
102	CPU charger overvoltage no.	Power supply module out of calibration (upper). Is the voltage on CNAL 24.30Vdc +/- 0.1Vdc?	Act on the trimmer of the power supply module until the voltage is calibrated in the prescribed range. If adjustment is impossible, replace the power supply module.

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103	Printer not available	Device configured but not connected to the central unit port. Printer switched off. Faulty printer.	Check the connection between central unit and printer. Check that the printer is switched on. Replace the printer.
104	Module tamper	The wireless device was removed from the base.	Place the wireless device back in the base.
105	Sensor tamper	The wireless device was removed from the base.	Place the wireless device back in the base.
106	CPU high battery temp. no.	The battery has reached the end of its useful life.	Replace the battery.
107	CPU low battery temp. no.	The battery has reached the end of its useful life.	Replace the battery.
108	CPU charger insuff. voltage no.	The battery charge level increases slowly or there is a fault in the battery or charging circuit, the battery may be discharged.	Check that there is a power supply and that the battery charger circuit is working properly, allow the battery to recharge if necessary.
109	Main power supply voltage insuff. CPU no.	Power supply module out of calibration (lower) The current from the mains is below the operating parameters of the power supply unit.	Act on the trimmer of the power supply module until the voltage is calibrated in the prescribed range. If adjustment is impossible, replace the power supply module. Check the power supply taken from the switchboard.
110	Main power supply voltage insuff. exp. CPU no.	The current from the mains is lower than the operating parameters of the power supply.	Check the power supplies taken from the switchboard.
111	Loop insuff. voltage	Loop too long. Partial short circuit. Induced voltages on the line. High line resistance. Faulty devices connected to the line.	Divide the line into several sections. Carry out the Line Test as described in the control unit manual. Check with the POL-200-TS the electrical parameters and restore the wiring and line routing within the equipment operating limits. .
112	Invalid form type	An unsupported device type has been connected to the loop.	Replace it with a supported device type.
113	Invalid sensor type	An unsupported device type has been connected to the loop.	Replace it with a supported device type.
114	Invalid type ID	An unsupported device type has been connected to the loop.	Replace it with a supported device type.
115	FAAST module fan	An intake failure was detected. This fault is related to the air sampling equipment of the ASD. It indicates that the ultrasonic circuit is not working, the suction system has failed or the flow initialisation has failed.	The ASD unit may be faulty and must be checked for correct installation. If the fault persists, replace the unit

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