ERRORS DESCRIPTION

This is a list of all the errors that can be detected by the system, including a short description amd suggestions to solve the problem.

The definition "LOCKED" indicates that it is not possible to start or to continue the delivery process, once the error has been detected. The system will automatically resume as soon as the error has been fixed.
The definition CONFIGURABLE" indicates that the response to the error depends to the values of some parameters.

001: RAM ERROR– CONFIGURABLE
The data in the Ram memory has been corrupted and it is therefore no longer usable. *In this case please check if the battery jumper JP1 on the CPU board is properly closed.*

002: FLASH ERROR – CONFIGURABLE
This message appears when it was not possible to read or write on the FLASH memory. *In this case it is recommended to reset the counter to zero.*

003: PARAMETER ERROR – CONFIGURABLE
The data corresponding to the parameters in the Ram memory has been corrupted and it is therefore no longer usable. *In this case please check if the battery jumper JP1 on the CPU board is properly closed.*

004: TOTALIZER ERROR – CONFIGURABLE
The data corresponding to the totalizer in the Ram memory has been corrupted and it is therefore no longer usable. *In this case please check if the battery jumper JP1 on the CPU board is properly closed.*

005: SERIAL DISPLAY ERROR - LOCKED
This message appears when there is a malfunction in the serial connection with the LKI module.

006: SERIAL PRINTER ERROR – CONFIGURABLE
This message appears when there is a malfunction in the serial connection with the printer.

007: SERIAL PC ERROR– CONFIGURABLE
This message appears when there is a malfunction in the serial connection with a remote system (eg a PC).

008: EVENT MEMORY FULL – LOCKED
The event memory is full and there are no events outside the period of validity to overwrite *In this case please change the validity period of the events (see P053).*

009: WATCHDOG ERROR – CONFIGURABLE
The watchdog circuit is not functioning correctly. *In this case please check if the watchdog circuit jumper JP3 on the CPU board is closed correctly.*

010: RTC ERROR– CONFIGURABLE
The system clock is not functioning properly.

011: PRINTER DISCONNECTED – CONFIGURABLE
It was not possible to communicate with the printer. *In this case please check if the printer is connected correctly; verify that the port used is COM1 on the CPU board and that the corresponding parameters have been set correctly.*

012: PRINTER SWITCHED OFF– CONFIGURABLE
It was not possible to communicate with the printer as it is switched off. *In this case please check if the printer is correctly plugged in.*

013: PAPEROUT - CONFIGURABLE
The printer has no paper (see parameter P407 for timeout setup) and cannot continue printing. *In this case please insert a new ticket.*

090: SUPPLY LEVEL TOO LOW – MESSAGE ONLY
The electrical supply level is too low for the correct functioning of the electronic counter. *In this case please check the voltage of the supply.*

101 / 201: TEMPERATURE TOO HIGH – CONFIGURABLE
The temperature measured by the PT100 of the CMOD1 (or CMOD2) is higher than the maximum threshold value imposed by the parameter P013.

102 / 202: TEMPERATURE TOO LOW – CONFIGURABLE
The temperature measured by the PT100 of the CMOD1 (or CMOD2)is lower than the minimum threshold value imposed by the parameter P012.

103 / 203: RTD ERROR – CONFIGURABLE
The temperature reading device on the CMOD1 (or CMOD2) is not functioning correctly. *In this case it is recommended to carry out the hardware test in order to gather more information about the problem.*

104 / 204: DENSITY TOO HIGH – CONFIGURABLE
The density measured by the CMOD1 (or CMOD2) is higher than the maximum threshold value imposed by the parameter P013.

105 / 205: DENSITY TOO LOW– CONFIGURABLE
The density measured by the CMOD1 (or CMOD2) is lower than the minimum threshold value imposed by the parameter P012.

106 / 206: DENSITY ERROR – CONFIGURABLE
The density reading device on the CMOD1 (or CMOD2) is not functioning correctly. *In this case it is recommended to carry out the hardware test in order to gather more information about the problem.*

107 / 207: FLOWRATE TOO LOW – CONFIGURABLE
The flow rate measured by the CMOD1 (or CMOD2) is lower than the minimum threshold value imposed by the parameter P210 (P235).

108 / 208: FLOWRATE TOO HIGH – CONFIGURABLE
The flow rate measured by the CMOD1 (or CMOD2) is higher than the maximum threshold value imposed by the parameter P211 (P236).

109 / 209: LEAK DETECTOR– CONFIGURABLE
The CMOD1 (or CMOD2) has detected a leakage when the valve is in the closed position which is higher than the amount of leakage specified by the parameter P023. If the flow rate of the leakage is higher than that specified by parameter P026 the counter will not allow a preset to be made.

110 / 210: LEAKAGE IN THE REVERSED DIRECTION – LOCKED
The CMOD1 (or CMOD2) has detected a leakage when the valve is in the closed position which is flowing in the opposite direction to the normal flow direction. The error is signaled when the received impulses are of a higher number than the one imposed by the parameter P024.

111 / 211: PRESSURE TOO HIGH – CONFIGURABLE
The pressure measured by the CMOD1 (or CMOD2) is higher than the maximum threshold value imposed by the parameter P066.

112 / 212: PRESSURE TOO LOW – CONFIGURABLE
The pressure measured by the CMOD1 (or CMOD2) is lower than the minimum threshold value imposed by the parameter P065.

113 / 213: PRESSURE ERROR – CONFIGURABLE
The pressure reading device on the CMOD1 (or CMOD2) is not functioning correctly. *In this case it is recommended to carry out the hardware test in order to gather more information about the problem.*

114 / 214: ERROR IN ROTATIONAL DIRECTION OF THE ENCODER – CONFIGURABLE
The number of incorrect (inverse) impulses produced by the encoder on the CMOD1 (or CMOD2) is higher than the maximum threshold value imposed by the parameter P024.

115 / 215: ENCODER SHORTCIRCUITED – LOCKED
A problem has been found in the electrical supply of the encoder on the CMOD1 (or CMOD2). *In this case it is recommended to check the wiring of the device and to carry out the hardware test in order to gather more information about the problem.*

117 / 217: ENCODER DISCONNECTED – LOCKED
There is no encoder recognized to be connected to the CMOD1 (or CMOD2). *In this case it is recommended to check the wiring of the device and to carry out the hardware test in order to gather more information about the problem.*

118 / 218: ERROR CMOD COMMUNICATION – LOCKED
It was not possible to communicate with the CMOD1 (or CMOD2). *In this case it is recommended to check if the connectors have been correctly inserted into the back of the CMOD board and that the address jumpers have been set correctly.*

120 / 220: DEADMAN TIMEOUT - CONFIGURABLE
The deadman timer has reached the time limit set (P044) and the register has automatically interrupted the delivery. *In this case verify the value of the time limit; if the reset of the deadman timer has been carried out via an external device, verify that the input is configured for such a function and that the external contact is functioning correctly.*

503: ERROR LKI COMMUNICATION – LOCKED
It was not possible to communicate with the display LKI1. *In this case it is recommended to check the wiring of the device and if the address jumpers have been set correctly on the display.*

611: I/O COMMUNICATION ERROR - LOCKED
There is a communication error between I/O board and CPU. *In case of error, verify the wiring of the board and the correctness of the address configuration jumpers.*

612: I/O HARDWARE ERROR - LOCKED
There is an hardware error on I/O 1 board that causes the malfunctioning of the device. *In case of error, verify the integrity of the board and – if necessary – replace it with a new one.*