

FAILURE LIST

PUMP FAULT 1...7

If the current absorption of a pump is not between the range of default values, all the selections in which the pump is involved are disabled.

FAULTY MIXER 1...6 (WHIPPER FAULT)

If the current absorption of a mixer motor is not between the range of default values, all the selections in which that mixer is involved are disabled.

SOLENOID VALVE 1...7 (VALVE FAULT)

If the current absorption of a solenoid valve is not between the range of established values, all the selections in which that solenoid valve is involved are disabled.

SHORT CIRCUIT MOSFET

The machine fails if a device intended to control direct current motors on the actuation board (mosfet) remains active.

SHORT CIRCUIT

This failure is displayed if the software should detect a short-circuit on one of the direct current motors connected with the actuation board. A failure may be simultaneously detected on one of the direct current motors.

SUGAR/STIRRER FAILURE

If the current input of the direct current motor should fall outside the range of default values, this failure is displayed. Sugarless drinks can be dispensed.

VOLUMETRIC COUNTER

No counting of the volumetric counter within a maximum time.

INSTANT BOILER

The machine stops if the instant boiler water has not reached the temperature after having heated for 20 minutes since you powered on the machine or last made a selection.

COFFEE UNIT FAILURES

The position control microswitch of the coffee unit is read during the whole dispensing cycle.

According to the micro readout and the dispensing phase of the unit, any failure is declared by locking the selections based on espresso coffee.

COFFEE UNIT - MICRO UNIT FAILURE -

While the brew unit is being handled, the control micro is not operated within a certain time limit. This failure may be associated with another positioning failure of the coffee unit.

COFFEE UNIT - START UNIT FAILURE -

The microswitch signals the coffee unit has not moved from the stand-by position.

COFFEE UNIT - BREW UNIT FAILURE -

The control micro signals that the coffee unit has not reached the brew position.

COFFEE UNIT - DISPENSING UNIT FAILURE -

During the brew phase, the control micro signals that the espresso unit is being handled.

COFFEE UNIT - DISCHARGE UNIT FAILURE -

At the end of the brewing phase, the control micro signals that the coffee unit has not reached the “used dose discharge” position.

COFFEE UNIT - STANDBY UNIT FAILURE -

The control micro signals that the brew unit has not moved back to the stand-by position after having discharged the coffee dose.

RAM DATA

One or more than one area of the RAM memory contain altered data that have been corrected by default values. The machine continues to work, but it is recommended to initialise as soon as possible.

ESPRESSO BOILER

The machine stops if the boiler water has not reached the temperature after having heated for 10 minutes since you powered on the machine or last made a selection.

CUP RELEASE

If the cups sensor (optional) does not detect objects in the dispensing compartment for two consecutive times, the machine can be locked or left enabled to operate with a cup.

COIN MECHANISM

The machine stops if it should receive an over 2-sec. pulse on a validator line or if the communication with the serial coin mechanism is not longer than 30 seconds (Executive protocol) or 75 seconds (BDV protocol).

FB BRUSH

It is due to a positioning error of the scraper. The machine is not locked, but the selections based on fresh product are disabled.

NO CUP

As soon as the no cups microswitch is opened, the cup column shift motor is actuated. The machine is put out of order if the microswitch has not closed after a complete rotation. If the machine is complete with an (optional) cup sensor, the machine will display the “No cups” message. Use the corresponding function to define whether the failure shall lock the machine or let it ready for a cup sale.

LIQUID RESIDUE CONTAINER FULL

The liquid residue container float operates the “Liquid residue container full” micro-switch. Empty the liquid residue container and reposition it to reset the fault.

LIQUID RESIDUE CONTAINER NOT PRESENT

The liquid residue container does not operate the micro switch indicating the presence of the container. Check that the liquid residue container is correctly positioned inside the machine.

WATER TANK EMPTY

Lack of water from the mains or self-feeding tank. Make sure that the machine is connected to the water mains and that the tap is open or the tank is full of water. Touch the “Reset” button to restore the operation of the machine.

EMPTY COFFEE

The grinder exceeds the normal speed for more than 5 seconds. Instant beverage products remain available. Make sure the coffee bean container is full.

MACHINE BOARD

Lack of communication between the machine board and the CPU board.

Check the electrical connections between the two boards.

ESPRESSO LOW TEMPERATURE

The espresso boiler temperature is lower than the minimum temperature programmed to dispense espresso.

Wait for the minimum dispensing temperature to be reached.

EMPTY DOSER 1...7

The minimum level of instant powder in the container associated with motor-doser has been reached.

The signal is active if they controls on instant powder containers are activated.

Check the level of instant powder in the containers.

EMPTY ESPRESSO DISPENSER 1...2

The minimum level of coffee beans in the container has been reached.

The signal is active if they controls on coffee beans containers are activated.

Check the level of coffee beans in the containers.

WATER LEAKAGE

The Air-break micro switch signals the lack of water continuously following the opening of the water inlet solenoid valve or the activation of the self-feeding pump (filling of the air break).

Check that there are no water leaks in the hydraulic circuit of the machine (disconnected hoses, ...)

MACHINE DATABASE NOT AVAILABLE

The database that manages the machine configurations is not present on the machine, it cannot be loaded or created.

Make sure there is sufficient memory space.

AIR-BREAK FILLING TIME OUT

The air-break micro switch does not report the achievement of the water level in the Air-break in the allotted time during filling.