

MI_2139: Removal and installation of pressure sensor



iVario Pro S P / L P / XL P



20 min



Standard



15/07/2021

Safety instructions

⚠ DANGER**High voltages when connecting to the mains power**

Danger to life due to high voltage.

- Disconnect from the power supply.
- Make sure the unit is disconnected from the power.

⚠ CAUTION**Sharp edges on the housing**

Risk of cuts on the housing when working in the unit.

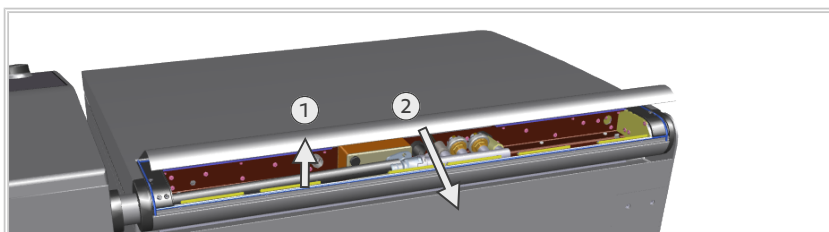
Wear protective gloves.

Required kit:

Required kit	Article number
Pressure sensor	87.01.995S

Removing the maintenance cover

- ✓ The unit is disconnected from the power.
 - ✓ The pan lid is closed.
1. Remove the two screws on the top of the maintenance cover.
 2. Lift the lid (1) and pull it backwards (2).



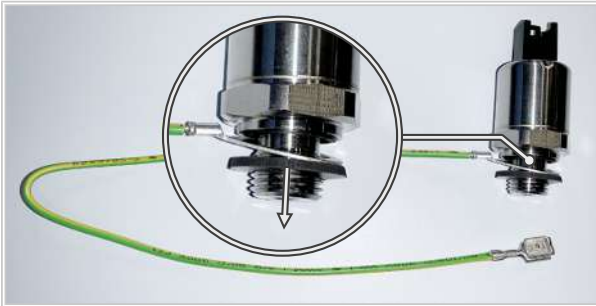
>> The maintenance cover has been removed.

Removing the pressure sensor

1. Remove the earth cable from the pressure sensor. Unscrew the pressure sensor with a spanner.



2. Turn the pressure sensor out of the thread and remove the earth cable and the sealing ring from the pressure sensor.

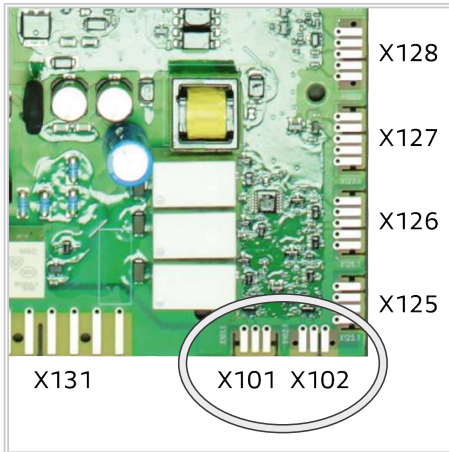


>> The removal of the pressure sensor is completed.

Replace connection cable between pressure sensor and I/O PCB A10

1. Remove the connection cable from the pressure sensor.
2. To pull the new connection cable through the axle of the lid, attach the new cable to the old cable with adhesive tape and pull the cable through the axle up to the I/O PCB A10.

3. Connect the new connection cable to the pressure sensor and to the I/O PCB A10. Use cable 40.08.121P for the pressure sensor of the left lid and connect the cable to X101. Use cable 40.08.141P for the pressure sensor of the right lid and connect the cable to X102.



>> The replacement of the connection cable is complete.

Installing the pressure sensor

1. For the installation of the supplied pressure sensor, you do not need to re-install the earth cable and the sealing ring. Proceed in reverse order for the rest of the installation of the pressure sensor.
- >> The installation of the pressure sensor is completed.

Closing the maintenance cover

1. Close the maintenance cover. Make sure that all metal clips point inwards when you close the maintenance cover.



2. Tighten the 2 screws.
- >> The maintenance cover is closed.

