

MI_2307: Sensor module - Removal and installation



iVario Pro 2-S P / L P / XL P



30 min.



Standard / contact fat CG60



03/04/2023

Topic

This information describes the installation of the sensor module.

Affected product/accessories

- iVario Pro 2-S P
- iVario Pro L P
- iVario Pro XL P

Required tool

- Standard
- Contact fat CG60

Required components

	Left sensor module	Right sensor module
iVario Pro 2-S P	87.01.975S (to 05/2023) 87.01.989S (from 05/2023)	87.01.976S (to 05/2023) 87.01.990S (from 05/2023)
iVario Pro L P	87.01.975S (to 05/2023) 87.01.989S (from 05/2023)	-
iVario Pro XL P	87.01.975S (to 05/2023) 87.01.989S (from 05/2023)	-

General information

NOTICE

Enter the installation of the component on the service level ("Component replacement" tab). This is an integral part of the maintenance history.

Target group

- This document is intended for skilled technicians, who have been certified by the manufacturer after attending training and safety instructions.
- Installation, inspection, maintenance, and repair work must only be carried out by trained technicians.

- It is recommended that only technicians authorised by the manufacturer perform inspection, maintenance and repair work.
- The unit may not be used, cleaned, or maintained by children. The unit may not be used for play. This is prohibited even under supervision.
- The unit may not be used, cleaned, or maintained by people with limited physical, sensory, or mental capacity or those without the necessary experience or knowledge, unless such people are supervised by a person who is responsible for their safety and who has been informed of the hazards of the unit.
- In order to prevent accidents or damage, the manufacturer recommends that technicians attend training and safety instructions.

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 electrical compartment.

Wear protective gloves.

NOTICE

Observe regional and country-specific safety and testing regulations

The relevant regional, country-specific safety and testing regulations apply to all work on RATIONAL units. These regulations may vary by region and are country-specific and are therefore not listed separately in this document.

The technician is responsible for complying with these regulations.

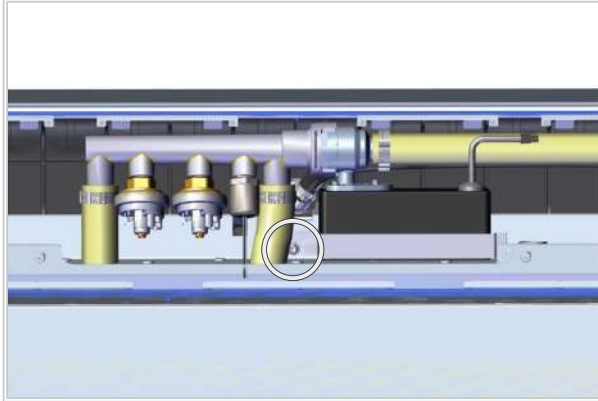
Revision Log

Changes from previous version of this manual:

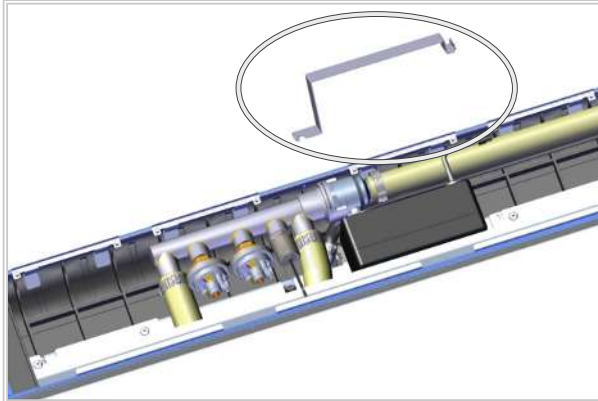
- Required tool: Contact fat CG60 added.
- Operation step with contact fat added.
- Required components: New numbers added from 05/2023.
- Various terms adapted to the service parts catalogue.

Work steps

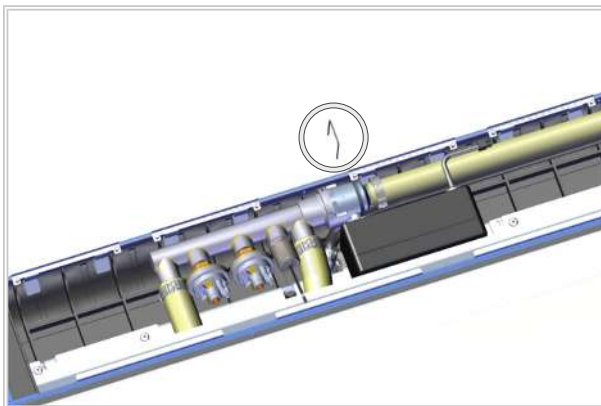
- ✓ The cooking system is disconnected from the power.
- ✓ The maintenance hatch of the lid is removed.
- 1. Disconnect the connectors from the pressure sensor and the two pressure switches.
- 2. Loosen the screw holding the flange piece of the pressure control valve.



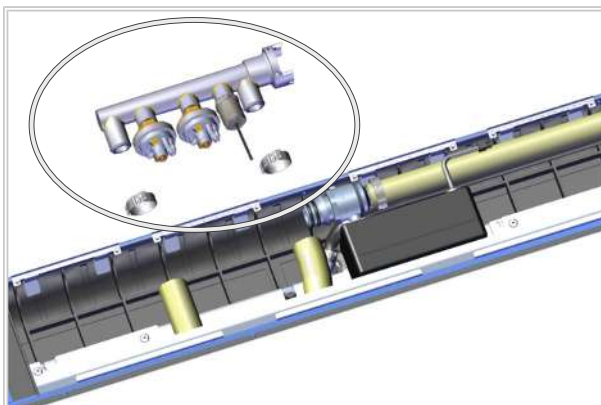
- 3. Remove the flange piece from the pressure control valve.



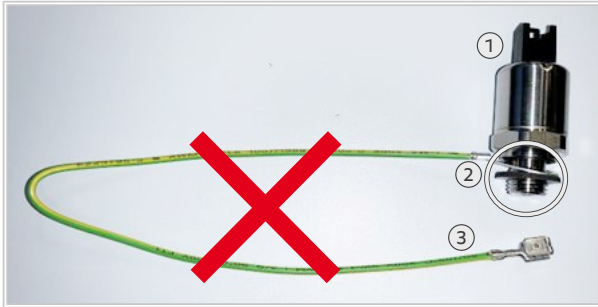
4. Remove the clamp holding the sensor module in place.



5. Loosen the hose clamps and remove the sensor module.



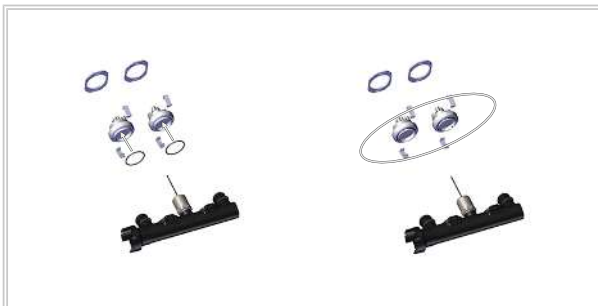
6. Pre-assemble the new sensor module.
Note that only the pressure sensor (1) may be used from the old sensor module.
7. If present, remove the grounding cable (3) from the pressure sensor, it is no longer required.
8. Replace the gasket (2).



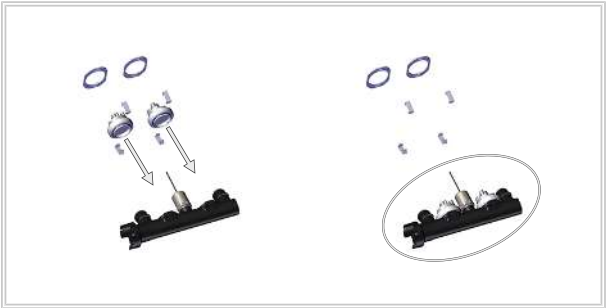
9. Screw on the pressure sensor.



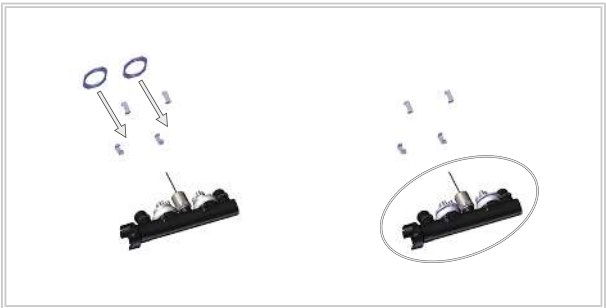
10. Fit the gaskets to the new pressure switches (20 mbar and 350 mbar).



11. Mount the pressure switches on the sensor module.



12. Fit the support plates to the pressure switches.



13. Attach the pressure switches using the clips.

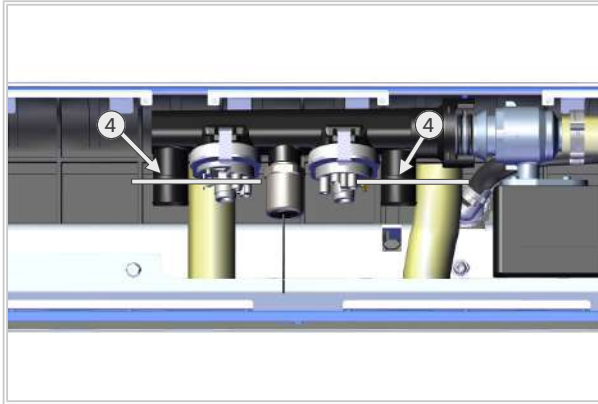


14. Position the sensor module so that it does not touch the back of the lid.

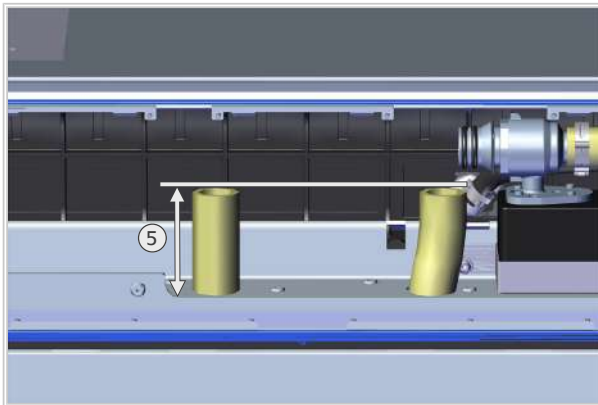
NOTICE! You will need to adjust the hose lengths on older units. Before cutting, always check the required minimum length of 65 mm!

15. If possible, position the hoses as shown, parallel to the hose connections of the sensor module.

16. Mark the hoses at the same position as the sensor module (4) stops.

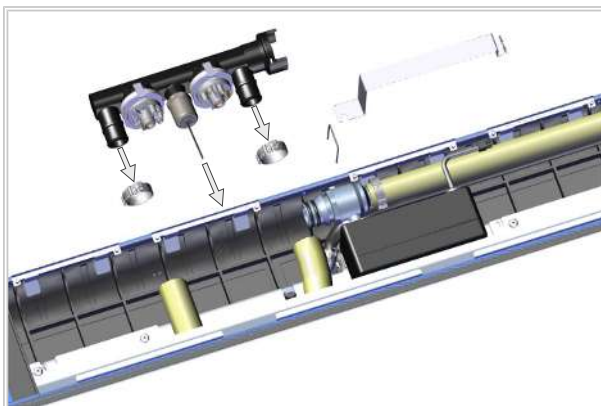


17. If necessary, cut the hoses at the markings made.
There must be at least 65 mm (5) of the hose left over.

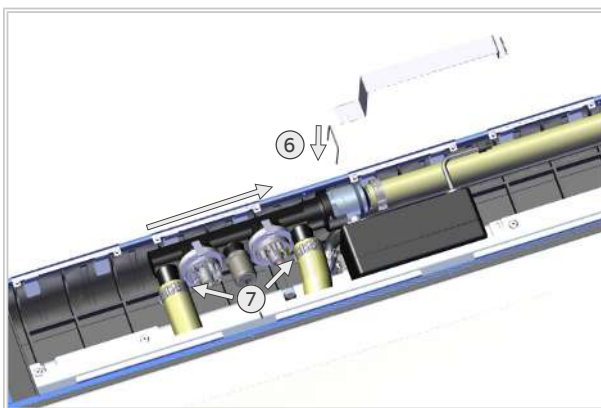


18. Put the hose clamps on the hoses.

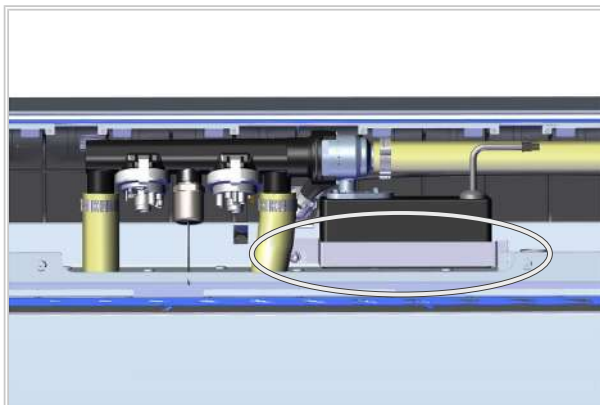
19. Push the sensor module into the hoses to the stop.



20. Mount the sensor module on the pressure control valve. Lock it with the clamp (6) and fasten the two hose clamps (7).



21. Refit the flange piece of the pressure control valve.



22. Apply contact fat to all electrical connections.

NOTICE! Note that all open contact areas are protected with the contact fat.

23. Reconnect the connectors from the pressure switch and the pressure sensor.

24. Carry out a function test.

> The assembly of the sensor module is complete.

