

MI_2066: Removal and Installation Harness Thermocouples



iVario 2-XS / iVario Pro 2-S



30 min.



Torque wrench (4 Nm)



02/06/2026

General information

This section describes the retrofitting for unit sizes 2-XS and 2-S. The retrofitting for unit sizes L and XL can be found in the next section.

The illustrations in this manual are examples only and may differ from the unit.

NOTICE

Removal and Installation Thermocouple B201 or B211

Note that different retrofitting instructions are required for the removal and installation of the thermocouple B201 or B211.

- Read the retrofitting instructions MI_2062: Removal and Installation Thermocouple B201/B211

Required component

All or only individual thermocouples can be installed.

Component:	Article number:
Harness iVario 2-XS	40.05.930P
Harness iVario Pro 2-S	40.05.931P
Individual thermocouple	87.00.339

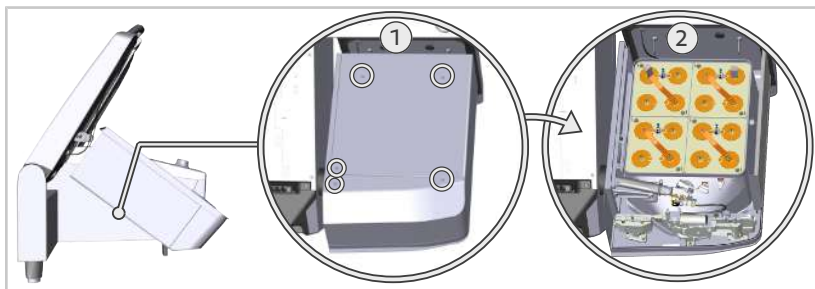
Required tool

A torque wrench with a torque of 4 Nm is required for the installation of the thermocouples. Use the manufacturer's torque wrench (article no.: W24001).

Removing the pan cover

- ✓ The unit is switched on.
- 1. Raise the pan electrically.
- 2. Turn off the unit.
- 3. Switch off the power supply to the unit.
- 4. Remove the 5 screws on the bottom of the pan cover (1).

5. Remove the pan cover (2).



>> The pan cover has been removed.

Opening the control panel

⚠ DANGER

High voltage when connecting to the mains power

Danger to life when working with high voltage.

- Disconnect from the power supply.
- Secure against unintentional switching on.
- 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.

⚠ WARNING

The unit is falling from the installation surface

Risk of crushing and injury from tipping or turning of the unit.

- Do not tip the unit onto the installation surface.
- When turning the unit, make sure that the weight of the unit is evenly distributed and that the unit is completely on the installation surface.

NOTICE

Incorrect objects for opening the control panel

The housing and seal can be damaged by pointed or sharp objects.

- Do not use any sharp or pointy objects to press the control panel upwards.

NOTICE

Damage to the cable trunk and the control panel when removing the control panel

The control panel is connected to the installation compartment by a cable trunk.

- Remove the control panel carefully in order not to damage the cable trunk.
- Put down the control panel carefully and protect it against scratching.

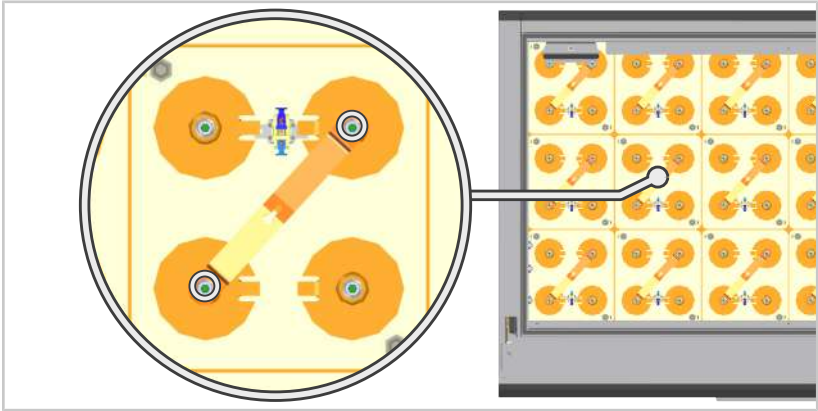
- ✓ The unit is disconnected from the power.
- 1. Open the cover on the console panel and remove the 2 screws (1).
- 2. Place some protection on the pan lid to protect the control panel against scratching and damage, e.g. a cardboard box or bubble wrap (2).
- 3. Remove the control panel.



>> The control panel is open.

Removing thermocouples

- ✓ The pan is raised.
- ✓ The bottom of the pan cover has been removed.
- 1. Perform the following steps for the appropriate thermocouple. To remove the complete thermocouple wiring harness, perform the following steps on all heating elements:
- 2. Loosen the 2 nuts of the retaining spring with a socket wrench (size 8 mm). Remove the retaining spring and unhook the thermocouple.



- 3. Unplug the thermocouple from the I/O board.
- 4. Disconnect the thermocouple cable from the harness or leave it disconnected in the unit.
- >> The thermocouples have been removed.

Installing thermocouples

A torque wrench (4 Nm) is ready for use.

- ✓ The pan is raised.
- ✓ The bottom of the pan cover has been removed.
- 1. Perform the following steps for the appropriate thermocouple.
- 2. Connect the cable to the I/O board.
- 3. Guide the cable through the pan axis.
- 4. Hang the thermocouple in the retaining spring.
- 5. Tighten the 2 nuts of the retaining spring with a torque of 4 Nm.
- 6. Fasten the cable together with the other cables with a temperature-resistant cable tie.
- >> The thermocouples have been installed.

Closing the control panel

- 1. Proceed in reverse order to the step *Opening the control panel*.

Mounting the pan cover

1. Proceed in reverse order to the step *Removing the pan cover*.

NOTICE

Allocation is only necessary if several thermocouples have been exchanged.

Performing the allocation

- ✓ The unit is connected to the mains.
 - ✓ The unit is switched on.
1. Perform an allocation via the service level, in order to assign the thermocouples to the correct heating elements.



>> The allocation is complete.

MI_2066: Removal and Installation Harness Thermocouples



iVario Pro L / XL



30 min.



Torque wrench (4 Nm)



02/06/2026

General information

This section describes the retrofitting for unit sizes L and XL. The retrofitting for unit sizes 2-XS and 2-S can be found in the previous section.

The illustrations in this manual are examples only and may differ from the unit.

NOTICE

Removal and Installation Thermocouple B201 or B211

Note that different retrofitting instructions are required for the removal and installation of the thermocouple B201 or B211.

- Read the retrofitting instructions MI_2062: Removal and Installation Thermocouple B201/B211

Required component

All or only individual thermocouples can be installed.

Component:	Article number:
Harness iVario Pro L	40.05.932P
Harness iVario Pro XL	40.05.933P
Individual thermocouple	87.00.339

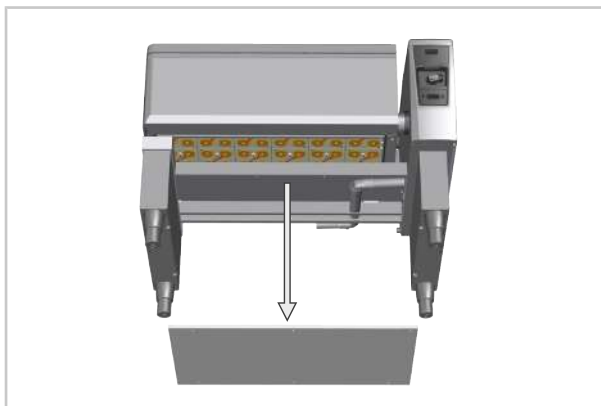
Required tool

A torque wrench with a torque of 4 Nm is required for the installation of the thermocouples. Use the manufacturer's torque wrench (article no.: W24001).

Removing the bottom of the pan cover

- ✓ The unit is switched on.
- 1. Raise the pan electrically.
- 2. Switch off the power supply to the unit.
- 3. Remove the 6 screws on the bottom of the pan cover.

4. Remove the pan cover at the bottom.



>> The bottom of the pan cover has been removed.

Open the electrical compartment

DANGER

High voltage when connecting to the mains power

Danger to life when working with high voltage.

- Disconnect from the power supply.
- Secure against unintentional switching on.
- Make sure the unit is disconnected from the power.

CAUTION

Water damage

If water leaks, the unit can be damaged.

- Turn off the water supply to the unit.
- Use the hand shower to check if the water supply has been turned off.

CAUTION

Sharp edges on the housing

Risk of cuts on the housing when working in the electrical compartment.

- Wear protective gloves.

NOTICE

Incorrect objects for opening the control panel

The housing and seal can be damaged by pointed or sharp objects.

- Do not use any sharp or pointy objects to press the control panel upwards.

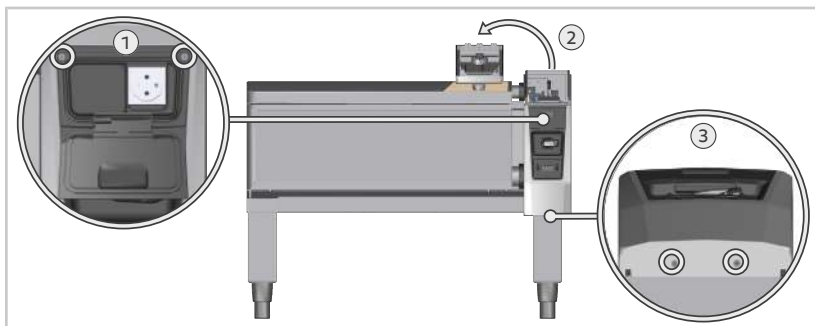
NOTICE

Damage to the cable trunk and the control panel when removing the control panel

The control panel is connected to the installation compartment by a cable trunk.

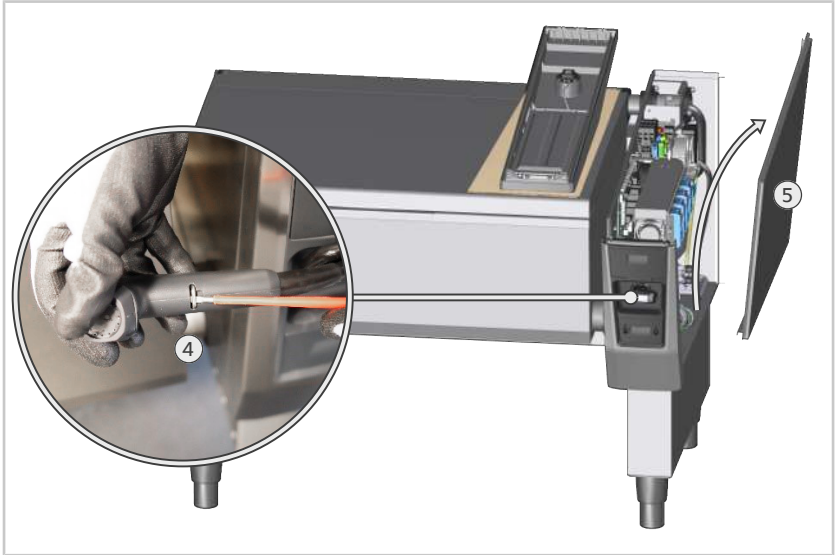
- Remove the control panel carefully in order not to damage the cable trunk.
- Put down the control panel carefully and protect it against scratching.

- ✓ The unit is disconnected from the power.
- 1. Open the flap of the console panel and remove the 2 screws (1).
- 2. Place some protection on the pan lid to protect the control panel against scratching and damage, e.g. a cardboard box or bubble wrap (2).
- 3. Remove the control panel.
- 4. Remove the 2 screws on the bottom of the unit (3).



- 5. Unroll the hand shower hose and secure it before rolling it up.
- 6. Remove the hand shower (4).
- 7. Pull the console panel forward, so that you can remove the side panel.

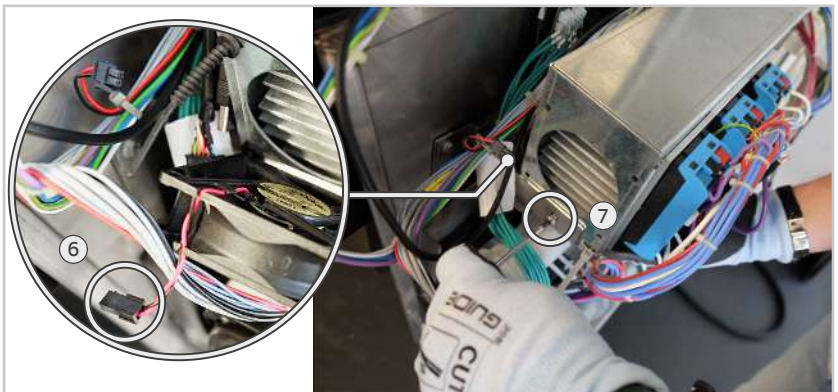
8. Remove the side panel (5).



9. Unplug the plug of the cooling fan (6).

10. If necessary, remove the cooling fan to gain better access to the screw (7).

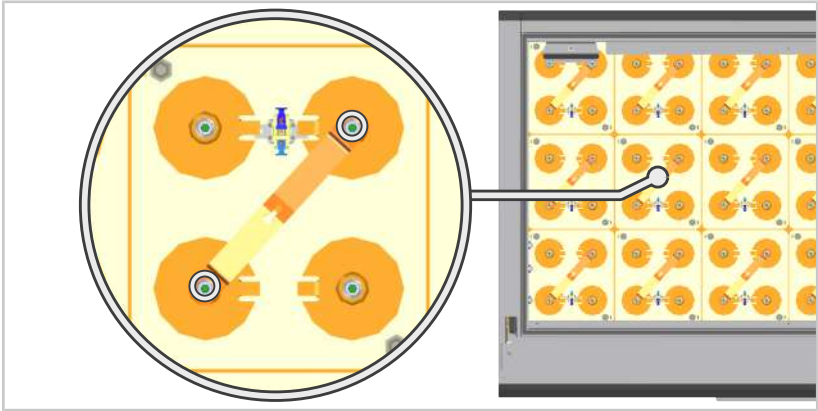
11. Remove the screw (7) on the metal bracket for the SSRs, in order to open the metal bracket to the side.



>> The electrical compartment is open.

Removing thermocouples

- ✓ The pan is raised.
- ✓ The bottom of the pan cover has been removed.
- 1. Perform the following steps for the appropriate thermocouple. To remove the complete thermocouple wiring harness, perform the following steps on all heating elements:
- 2. Loosen the 2 nuts of the retaining spring with a socket wrench (size 8 mm). Remove the retaining spring and unhook the thermocouple.



- 3. Unplug the thermocouple from the I/O board.
- 4. Disconnect the thermocouple cable from the harness or leave it disconnected in the unit.
- >> The thermocouples have been removed.

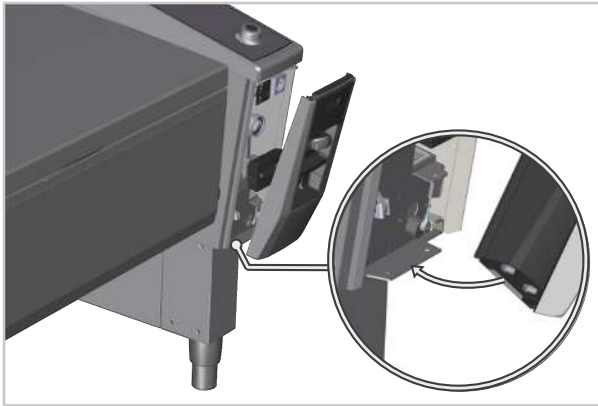
Installing thermocouples

A torque wrench (4 Nm) is ready for use.

- ✓ The pan is raised.
- ✓ The bottom of the pan cover has been removed.
- 1. Perform the following steps for the appropriate thermocouple.
- 2. Connect the cable to the I/O board.
- 3. Guide the cable through the pan axis.
- 4. Hang the thermocouple in the retaining spring.
- 5. Tighten the 2 nuts of the retaining spring with a torque of 4 Nm.
- 6. Fasten the cable together with the other cables with a temperature-resistant cable tie.
- >> The thermocouples have been installed.

Close the electrical compartment

1. Proceed in reverse order to the step *Opening the electrical compartment*.
2. Make sure that the console panel is pushed back onto the metal protrusion at the bottom of the screw connection.



>> The electrical compartment is closed.

Mounting the bottom of the pan cover

1. Proceed in reverse order to the step *Removing the bottom of the pan cover*.

NOTICE

Allocation is only necessary if several thermocouples have been exchanged.

Performing the allocation

- ✓ The unit is connected to the mains.
- ✓ The unit is switched on.
- 1. Perform an allocation via the service level, in order to assign the thermocouples to the correct heating elements.



>> The allocation is complete.