

MI_2061: Removal and Installation Core Probe

 iVario 2-XS / iVario Pro 2-S

 30 min.

 Torque wrench (16 Nm)

 01/06/2026

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.

Required component



Component:	Article number:
Core probe for lid on the left	40.07.165S
Core probe for lid on the right	40.07.164S

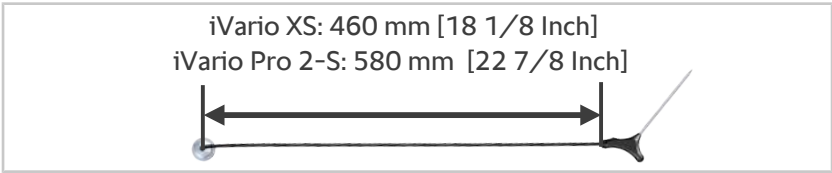
Required tool

- To set the length of the core probe, you need the following tools:
- Spanner (21 mm)
 - Torque wrench (13 mm) with a torque of 16 Nm.

Set the length of the core probe

- Set the length of the core probe to match the unit size. The cable of the core probe must be sufficient, so that the handle of the core probe can be attached to the magnetic hold point on the pan lid.
1. Bring the screw cap and the nut of the core probe to the appropriate length of the cable.
 2. Tighten the nut with the spanner. Lock with a torque wrench with 16 Nm.
- Recommended length:

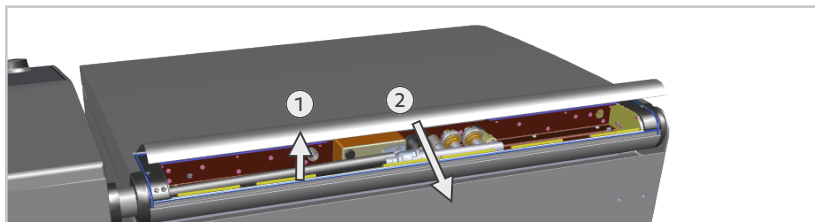
iVario XS: 460 mm [18 1/8 Inch]
iVario Pro 2-S: 580 mm [22 7/8 Inch]



Perform the following steps on the pan that you want to change the core probe on.

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.

- 3. Switch the unit on.
- 4. Open the pan lid electrically. For the next steps the pan lid needs to be completely open.

>> The pan lid is open.

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.

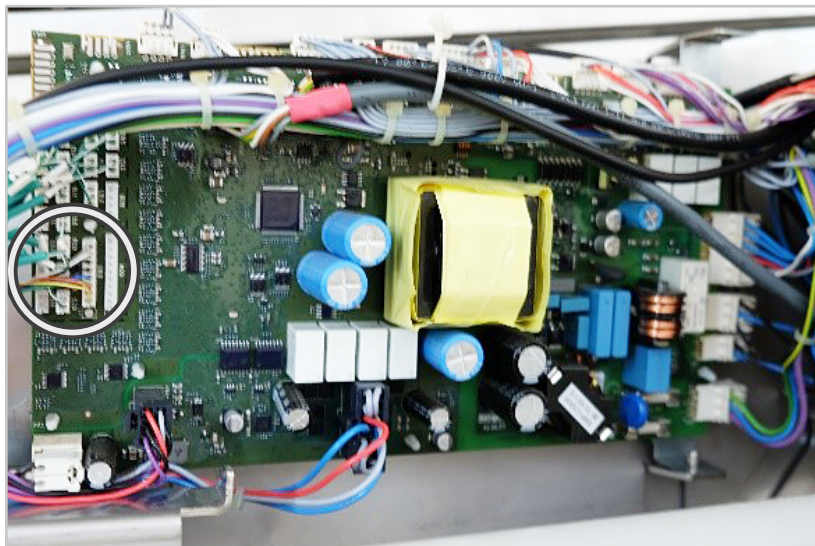
- ✓ The unit is disconnected from the power.
- 1. Open the cover on the console panel and remove the 2 screws (1).
- 2. Place some protection on the pan lid to protect the control panel against scratching and damage, e.g. a cardboard box or bubble wrap (2).
- 3. Remove the control panel.



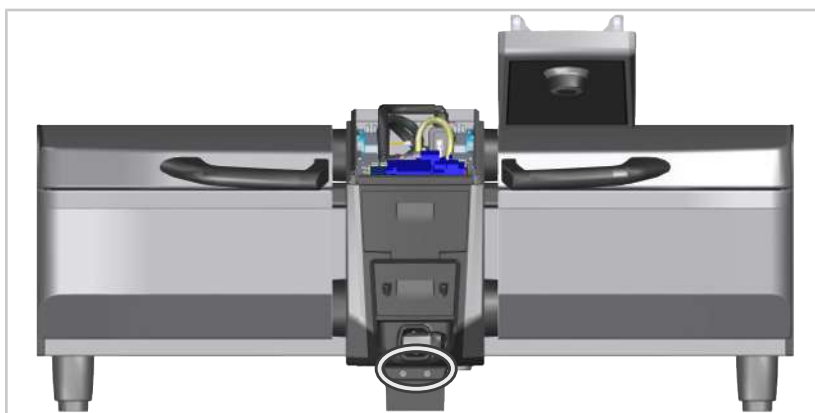
>> The control panel is open.

Removing the core probe

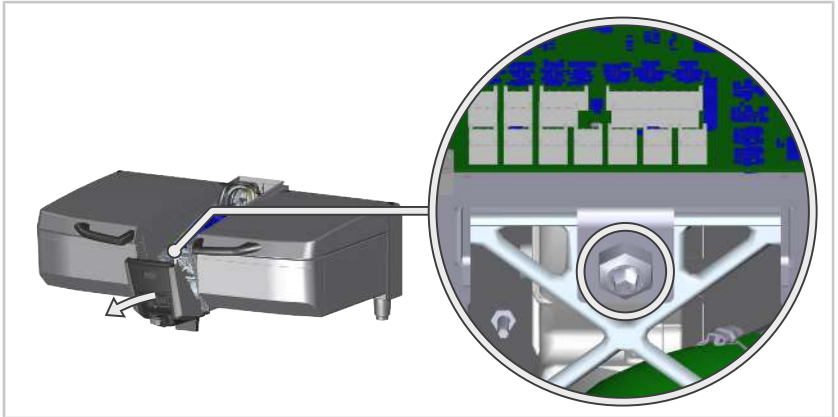
- ✓ The control panel is open.
- ✓ The pan lid and the maintenance cover are open.
- 1. Remove the plug of the core probe from the I/O board.



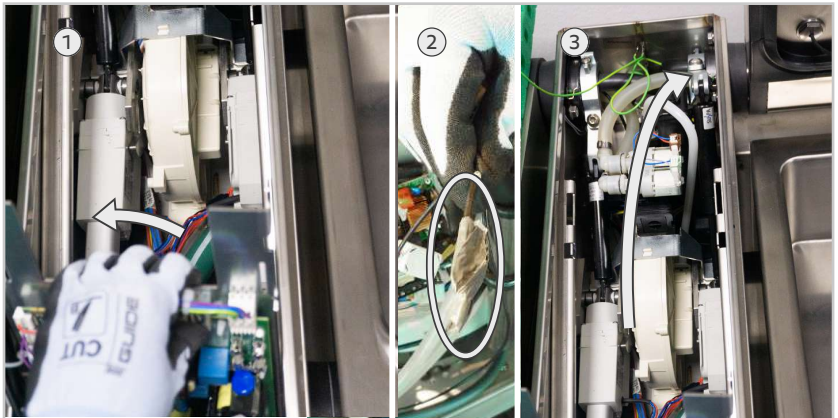
- 2. Remove the 2 screws at the bottom of the console panel.



3. Pull the console panel forward so that you can remove the screw from the circuit board holder.



4. Remove the screw from the circuit board holder.
5. Place the circuit board holder upright (1).
6. Wrap the plug with adhesive tape to allow it to slide out easily (2). Unthread the cable of the core probe to the rear through the cover axis (3).



7. Remove the screw cap of the core probe on the inside of the pan lid. Use a spanner (size 21 mm).



8. Pull the complete cable with the wrapped plug through the hole on the side of the pan.

>> The core probe has been removed.

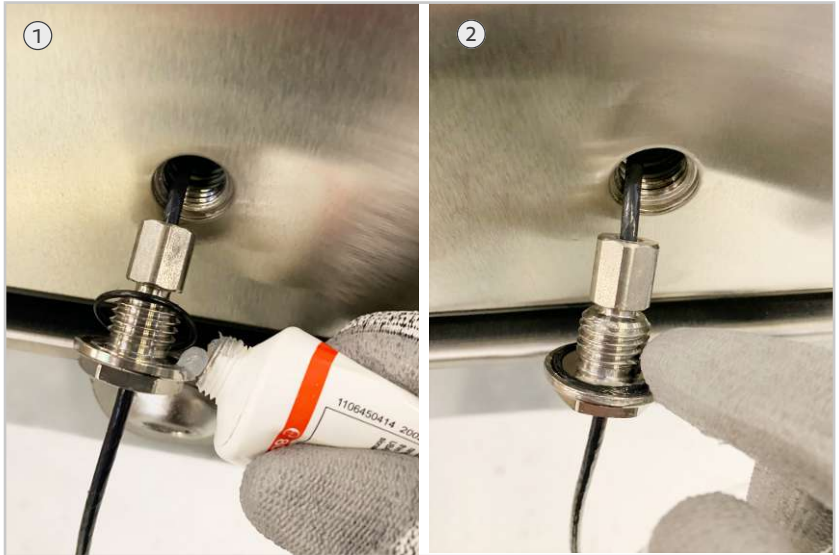
Installing the core probe

- ✓ The control panel is open.
 - ✓ The pan lid and the maintenance cover are open.
 - ✓ The length of the new core probe is set.
1. Wrap the plug with an adhesive tape and secure it, for example using a cable tie on the tape, to make threading easier (1).
 2. Thread the plug through the threaded hole on the pan lid (2).



3. Guide the plug through the cover axis and plug it into the I/O board.
4. Grease the groove on the screw cap (1).

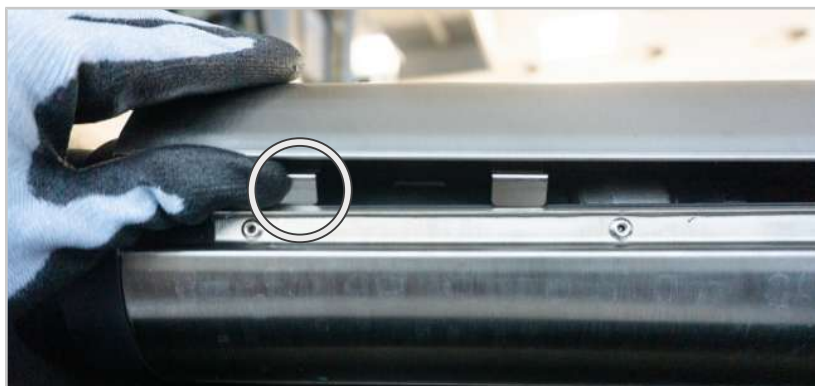
5. Press the sealing ring into the greased groove (2).



6. Screw the screw cap with the sealing ring into the threaded hole in the pan lid. Make sure that the sealing ring sits correctly in the groove and does not slip out of the groove when you tighten the screw cap.
7. Attach the handle of the core probe to the magnetic holding point on the pan lid.
- >> The core probe with the sealing ring is installed.

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.

Closing the control panel

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

Testing the function of the core probe

1. Test the function of the core probe.

MI_2061: Removal and Installation Core Probe



iVario Pro L / XL



30 min.



Torque wrench (16 Nm)



01/06/2026

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.

Required component



Component:	Article number:
Core probe iVario Pro L	40.07.165S
Core probe iVario Pro XL	40.07.165S

Required tool

To set the length of the core probe, you need the following tools:

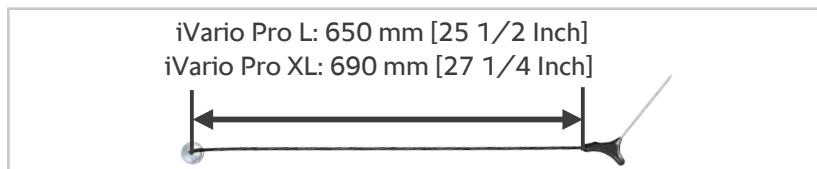
- Spanner (21 mm)
- Torque wrench (13 mm) with a torque of 16 Nm.

Set the length of the core probe

Set the length of the core probe to match the unit size. The cable of the core probe must be sufficient, so that the handle of the core probe can be attached to the magnetic hold point on the pan lid.

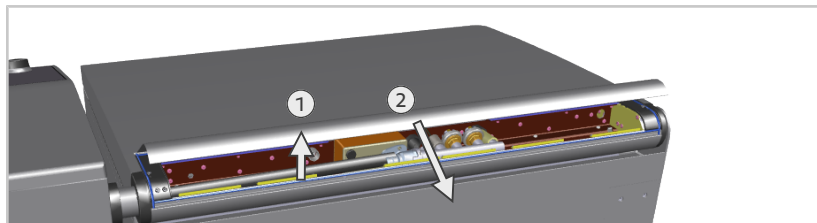
1. Bring the screw cap and the nut of the core probe to the appropriate length of the cable.
2. Tighten the nut with the spanner. Lock with a torque wrench with 16 Nm.

Recommended length:



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.

- 3. Switch the unit on.
- 4. Open the pan lid electrically. For the next steps the pan lid needs to be completely open.

>> The pan lid is open.

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.

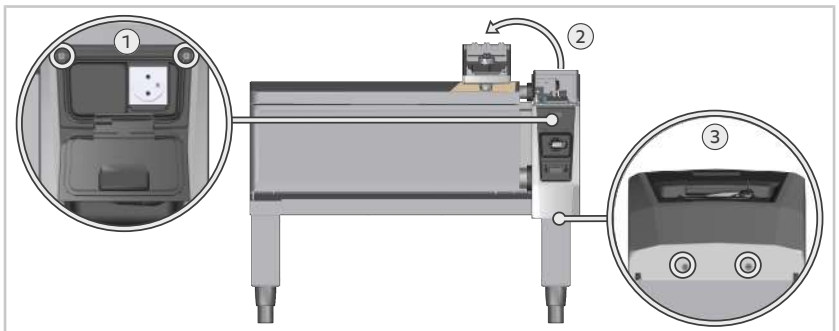
NOTICE

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.

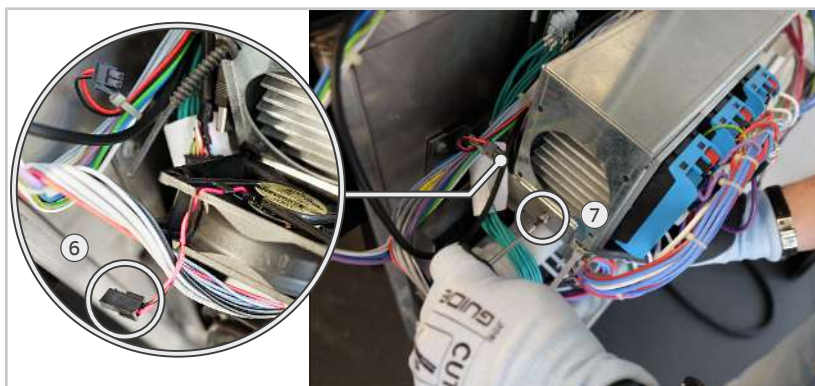
8. Remove the side panel (5).



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

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

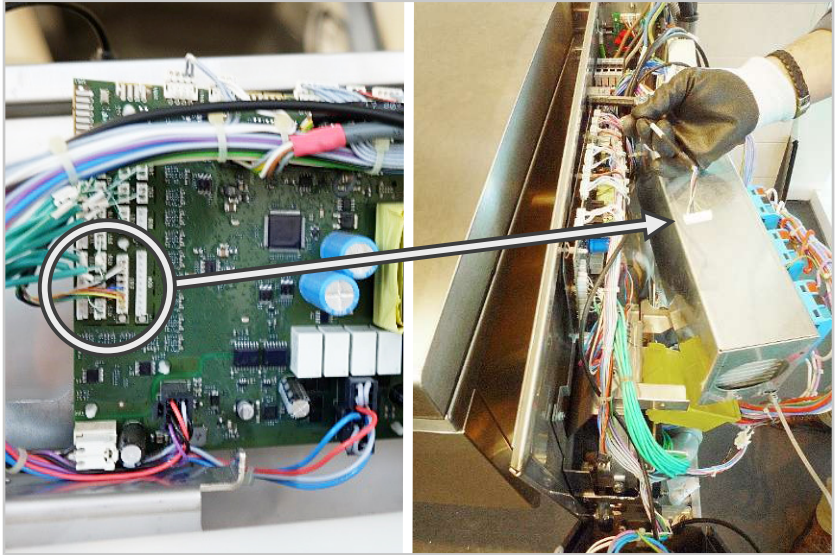
11. Remove the screw (7) on the metal bracket for the SSRs, in order to open the metal bracket to the side.



>> The electrical compartment is open.

Removing the core probe

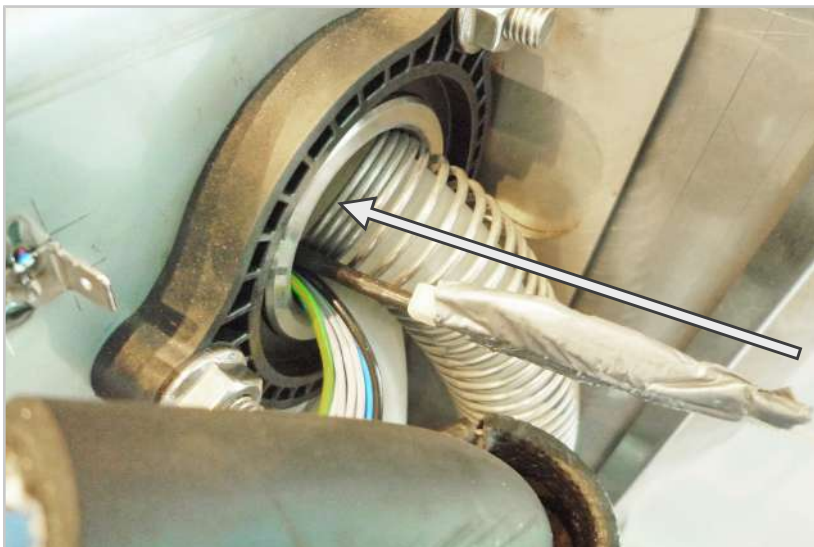
- ✓ The electrical compartment is open.
- ✓ The pan lid and the maintenance cover are open.
- 1. Remove the plug of the core probe from the I/O board in the electrical compartment.



2. Unthread the cable from the electrical compartment downwards. Wrap the plug with adhesive tape to enable it to slide out easily.



3. Thread the cable through the cover axis.



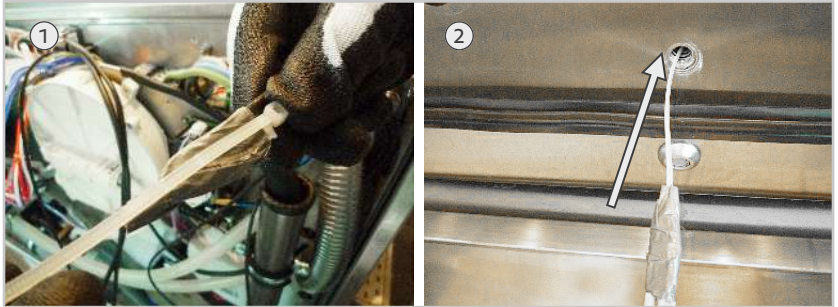
4. Remove the screw cap of the core probe on the inside of the pan lid. Use a spanner (size 21 mm).



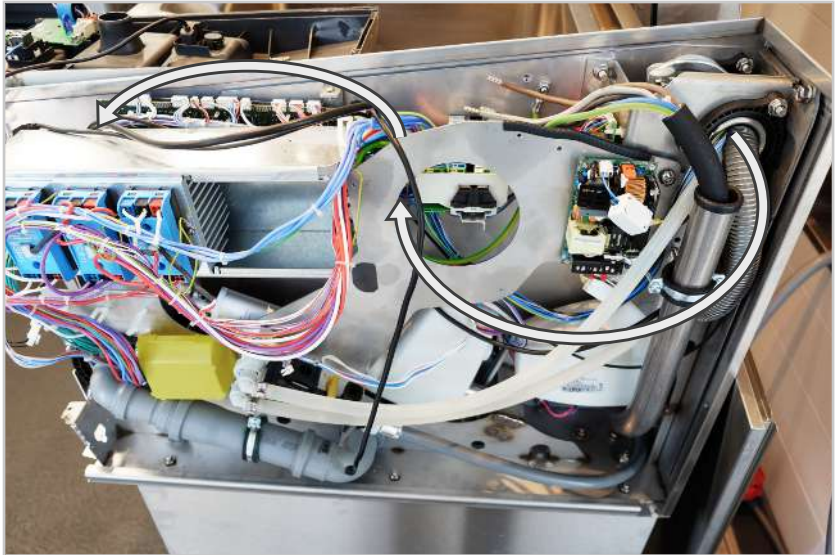
5. Pull the complete cable with the wrapped plug through the hole on the side of the pan.
- >> The core probe has been removed.

Installing the core probe

- ✓ The electrical compartment is open.
 - ✓ The pan lid and the maintenance cover are open.
 - ✓ The length of the new core probe is set.
1. Wrap the plug with an adhesive tape and secure it, for example using a cable tie on the tape, to make threading easier (1).
 2. Thread the plug through the threaded hole on the pan lid (2).

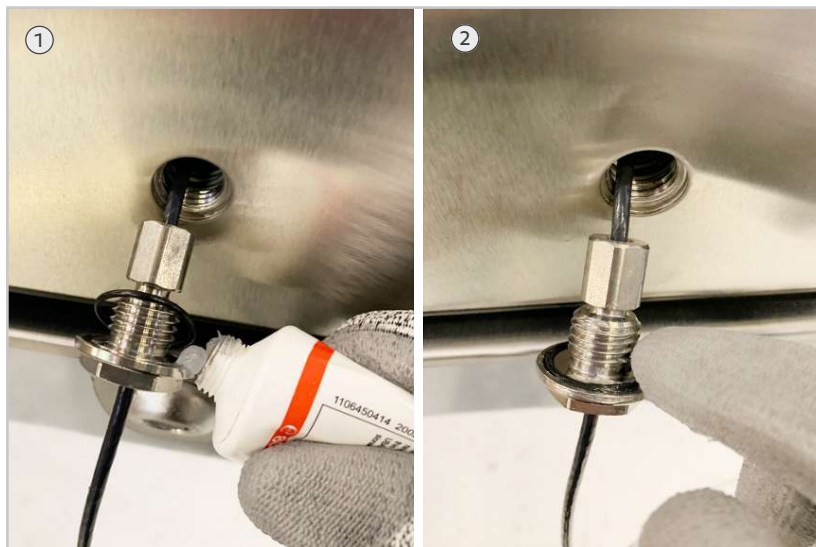


3. Guide the plug through the cover axis and through the electrical compartment and plug it into the I/O board.



4. Grease the groove on the screw cap (1).

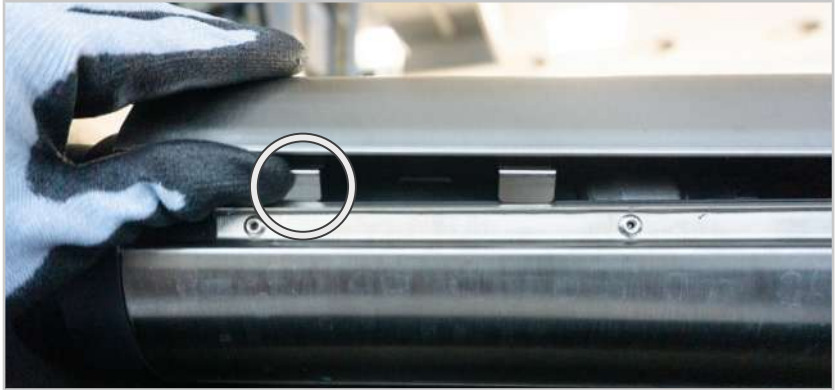
5. Press the sealing ring into the greased groove (2).



6. Screw the screw cap with the sealing ring into the threaded hole in the pan lid. Make sure that the sealing ring sits correctly in the groove and does not slip out of the groove when you tighten the screw cap.
7. Attach the handle of the core probe to the magnetic holding point on the pan lid.
- >> The core probe with the sealing ring is installed.

Closing the maintenance cover

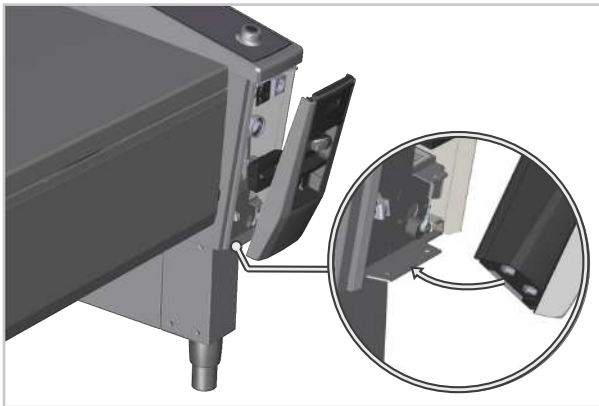
1. Close the maintenance cover. Make sure that all metal clips point inwards when you close the maintenance cover.



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

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.

Testing the function of the core probe

1. Test the function of the core probe.