



Roth QuickStop Sensor 1 Detect Small Leaks Installation Guide

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**Roth QuickStop Sensor 1
Installation**



Living full of energy

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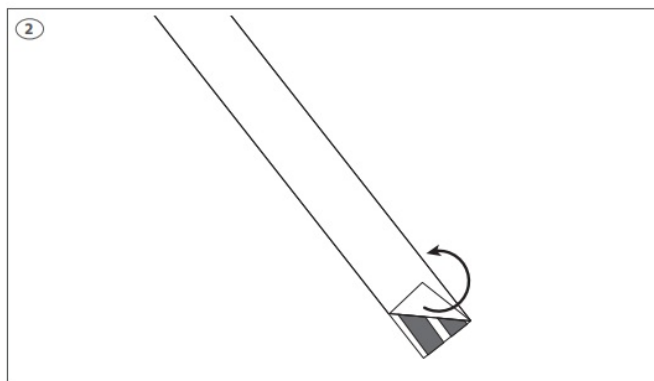
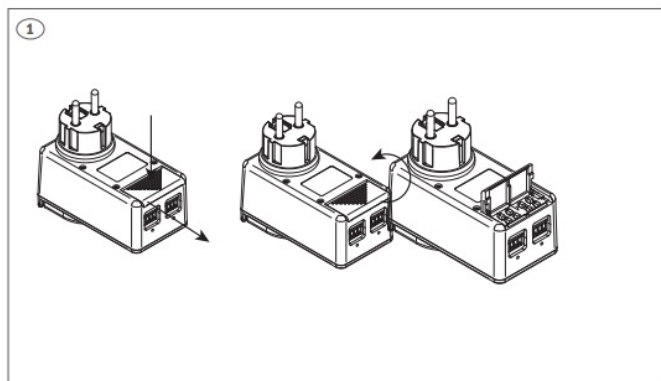
Roth QuickStop Sensor 1

Roth QuickStop Sensor 1 are a simple protection system against water intrusions leaks in non visible or difficult access areas. Function – If the sensor cable comes into contact with water between the two conductors, the actuator closes within 5 seconds, and the control unit will start beeping. The valve will stay closed and the controller will continue beeping until you manually either override the alarm for 12 hours, e.g. if the floor still is wet, but it is expected to be dry within 12 hours, or, if the sensor cable is dry again, cancel the alarm. The valve is made of stainless steel 316 and can be mounted in all domestic water installation after the water meter. The control unit can handle up to two 230V actuatores and two sensor cables. One 230V actuator is included in the package. The 230v socket can be used for any purpose up to 10A e.g. electric water heater. The sensor cable is self-adhesive and can be mounted on dry, smooth and non-dusty surfaces. The sensor cable is delivered in a roll of 4 m and can be cut with scissors in the desired length. To prevent the valve from getting stuck, there is a built-in valve exercise program in the control unit, which briefly closes the valve once a week. The closing takes place automatically after a 7 days +12 hours. If the shutdown occurs at an inconvenient time, you can cut off the power to the control unit for a short time 12 hours before the time you want the program to occur. Example:

1. Device is plugged in on monday 10 am
2. First program Sequence starts – monday 10 pm

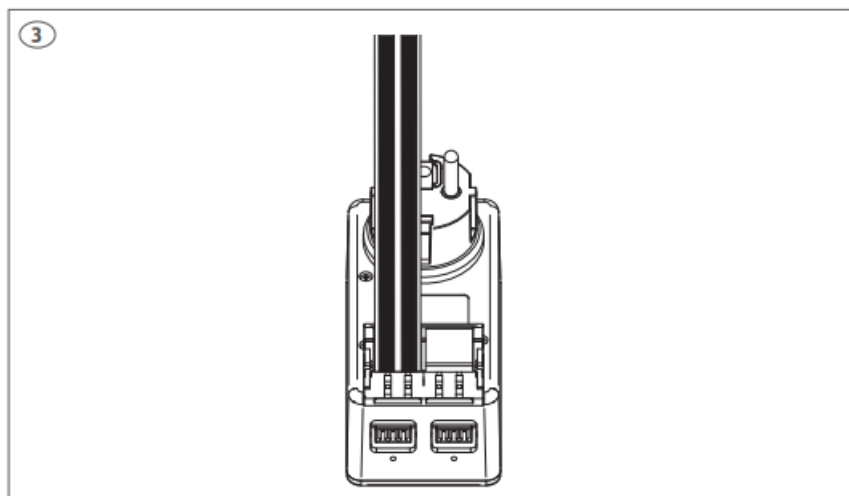
3. Subsequently starts – every monday 10 pm

If you want to connect a sensor cable directly to the control unit, do so before connecting it to 230V. Before use the control unit needs to have a sensor cable connected. To do that, open the cover, by pushing it down (down towards the two connectors) and and turn it up 90 degrees.

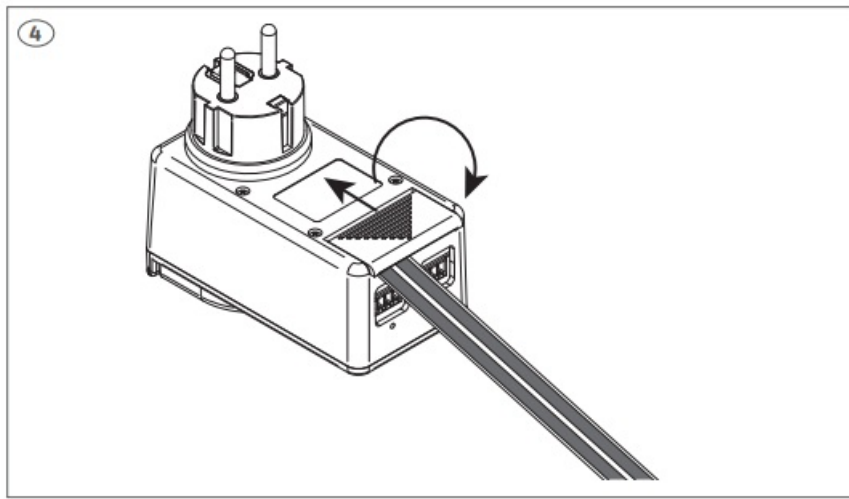


Pull the white protective foil off the sensor cable approx. 20 mm, so that the adhesive surface is free. The side of the sensor cable that does not have the copper conductors. If you are in doubt, you can feel with a fingernail if there are two elevations on the cable, these are the copper conductors.

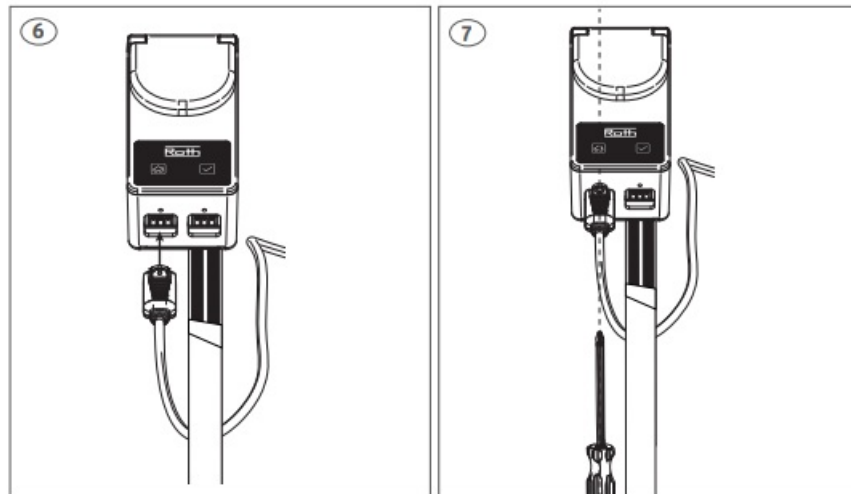
Press sensor tape firmly into the cover, and pull approx. 20 mm of the yellow protective film of the sensor cable so that the contact surface of the cable becomes free.



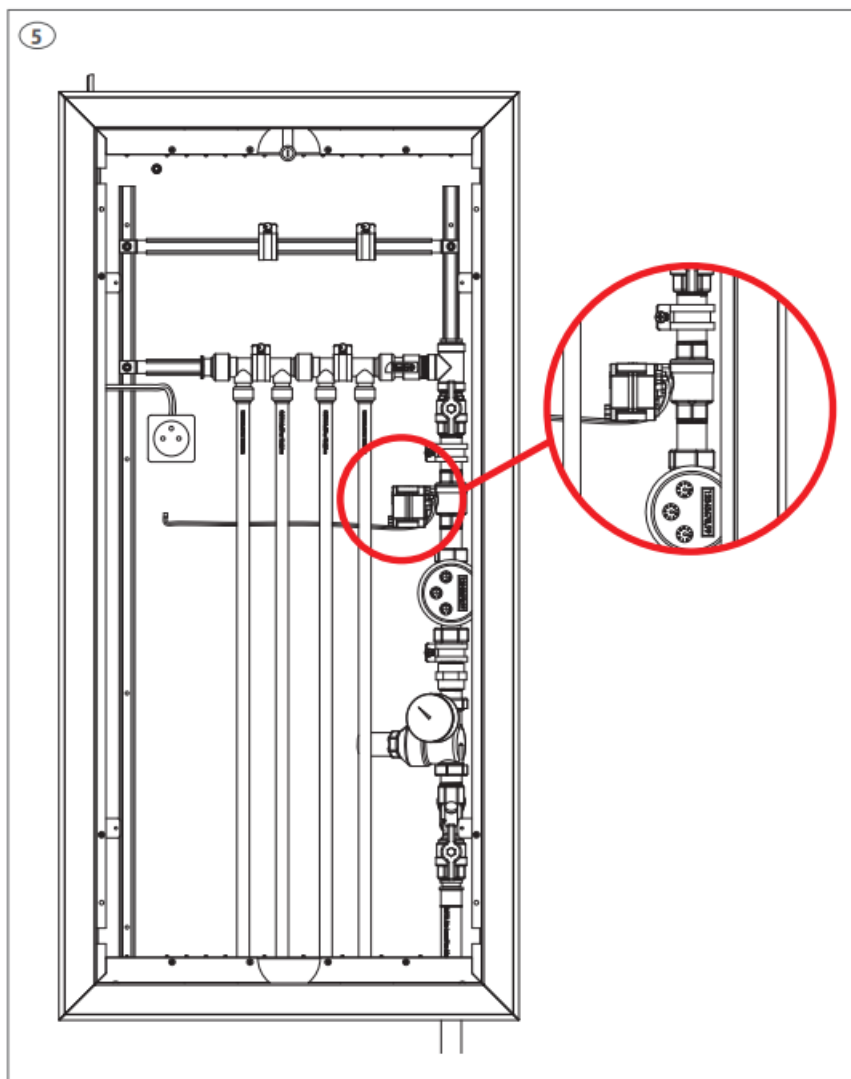
Press the cover down against the clamps and push it into place so it is locked.



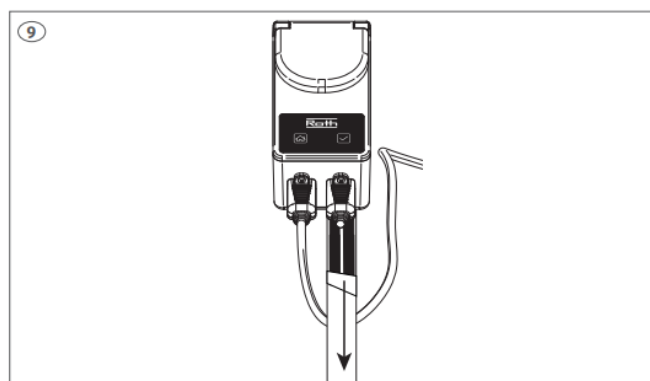
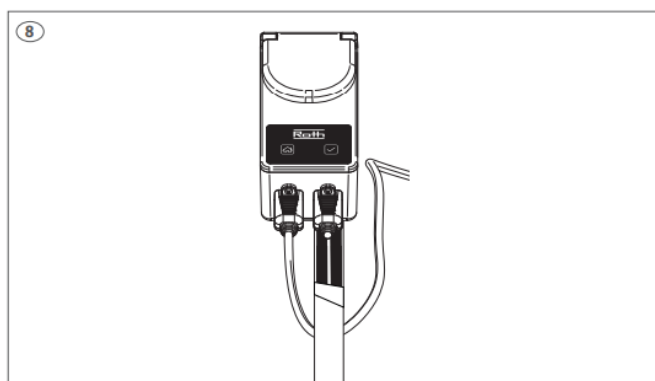
Insert the actuator plug into the socket at the bottom. It does not matter if you use one or the other connector if you only use one actuator. **REMEMBER** to screw the plug tight with the delivered screw.



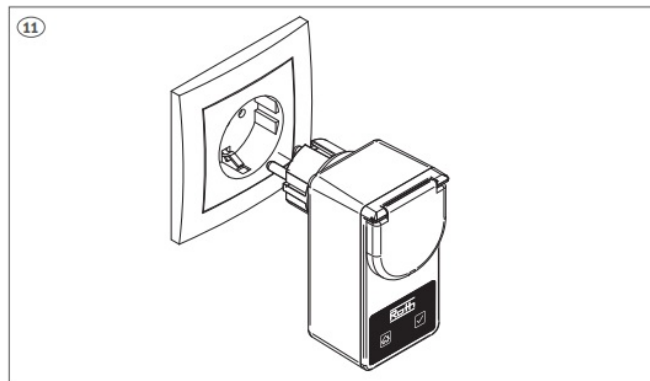
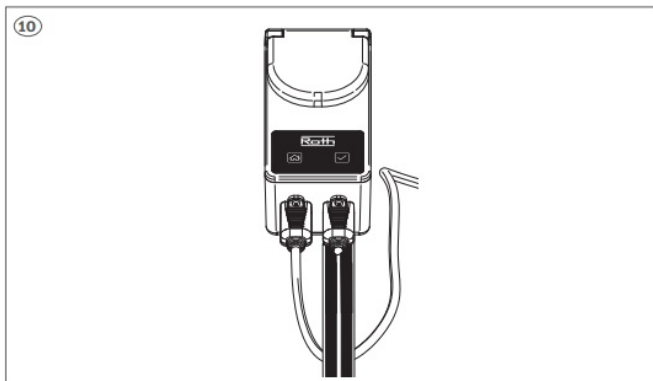
The QuickStop ball valve must be mounted on the domestic water installation after the water meter. If the QuickStop only needs to secure one tap, it can be mounted on the inlet of the tap. Remember that work on domestic water may only be carried out by authorized companies.



If only one actuator is used, the empty plug must be mounted in the free plug and screwed on.

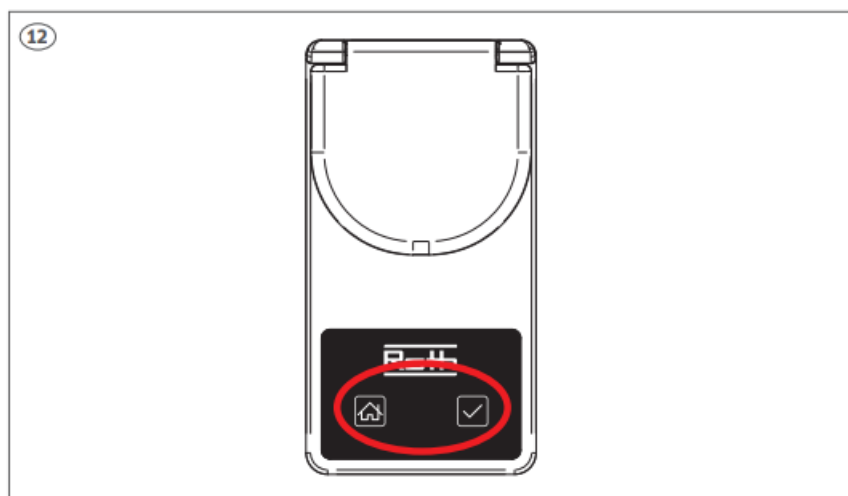


Remove the white protective film and unwind the sensor cable at the place you want protection against water.
Remove the yellow protective film from the sensor cable.



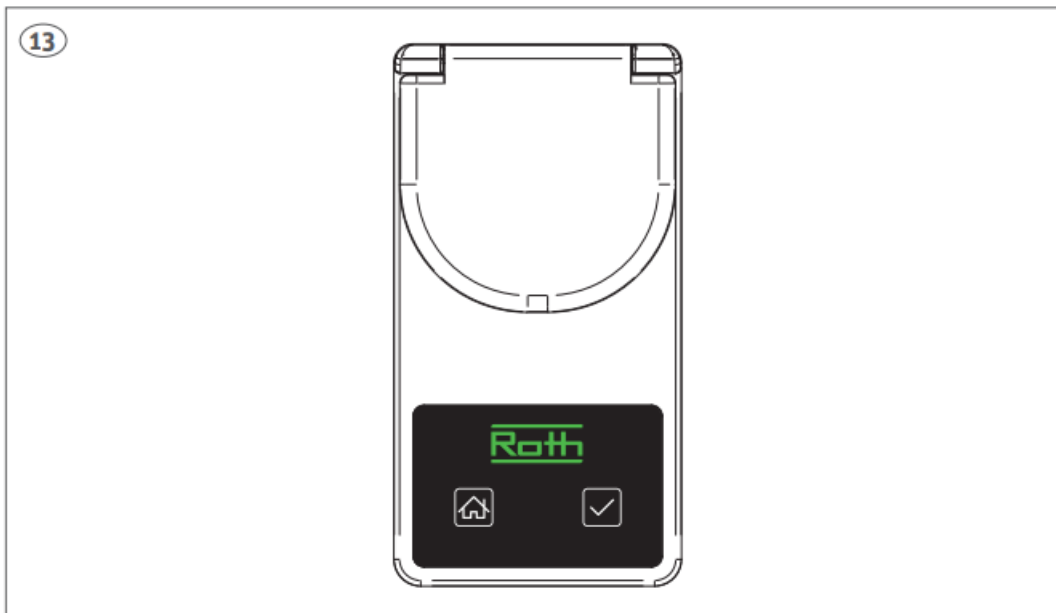
Use of the QuickStop Sensor 1 – Plug in the control unit in a 230V socket.

During startup, the controller detects how many sensor cables are connected in the first three seconds, when it blinks twice. After three seconds, it will flash once or twice, depending on how many sensor cables are installed. If one or more sensor cables are mounted directly to the control unit, but the control unit remains on and flashes green after start-up, the sensor cable is not mounted correctly. Check the installation if necessary. turn the sensor cable 180 degrees so that the opposite side is facing up. The side with the copper conductors must face upwards. After the start-up sequence, the controller goes into normal mode and lights up green. If no sensor cables are connected to the control unit, it will stand and flash green until the first wireless sensor is registered. The installation of the sensor cable can be easily checked by placing a damp finger on the sensor cable, if the sensor cable is installed correctly, the control unit will sound an alarm and shut off the water. The alarm can be reset most easily by cutting off the power to the unit for 5 seconds. alternatively, you can hold “✓” for 2 sec. to mute the alarm, then hold “🏠” for 2 sec. to open the valve. If you want to connect a sensor cable at a later stage, the power to the control unit must be disconnected.



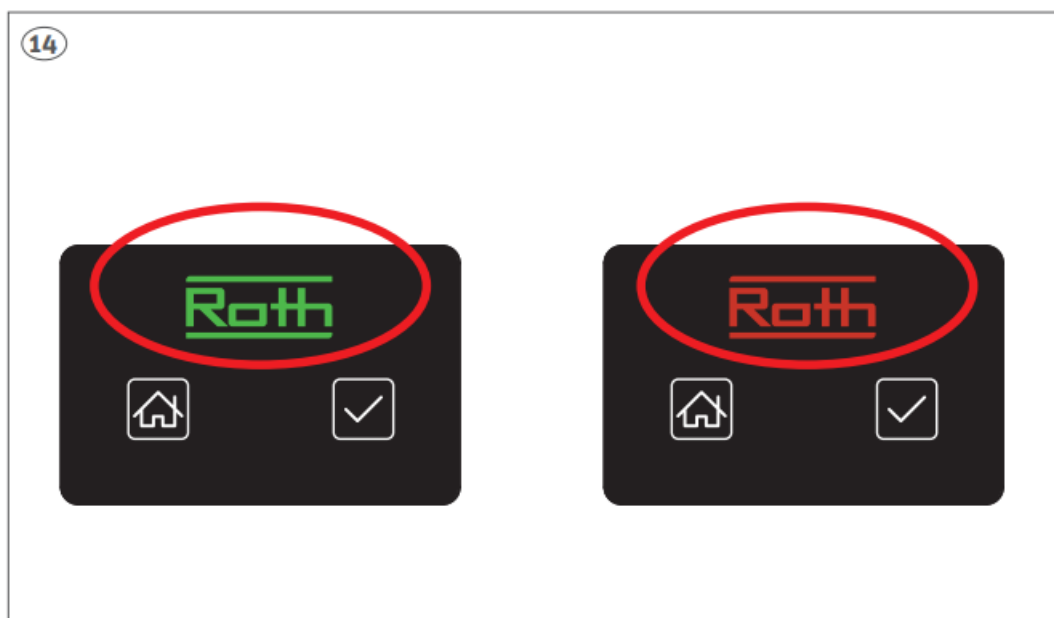
Normal mode:

- Control unit light green
- Valve is open
- 230V socket is turn on



Light indications on the control unit:

- Everything OK – Green
- Alarm – Red
- Alarm mute – Flashing red
- No sensor cable detected – Flashing green (only by startup)
- Discounted sensor cable – Flasing 4 times red, small break, and then flasing 4 times red.



Leakage register

Water is detected on a sensor. Investigate why there is water on the sensor before you possibly interrupts the alarm.

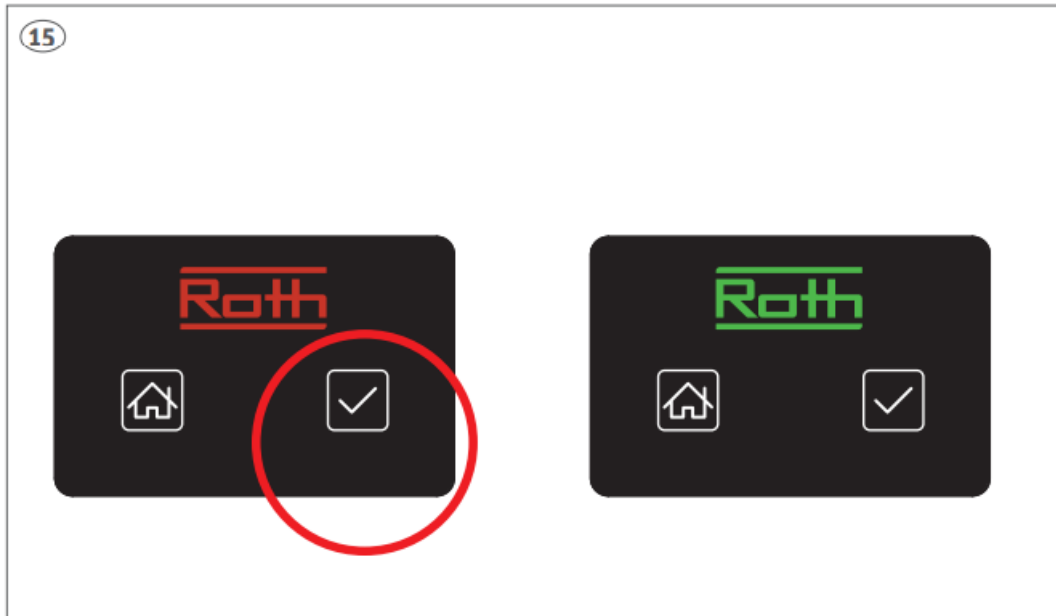
Indicator – The logo on the control unit lights red – The control unit sounds.

Solution – Mute the alarm, directly on the control unit by holding down “✓” for 2 sec. If you want to open the water, do so by holding down “🏠” for 2 sec.



By muting the alarm, the QuickStop is deactivated, ie it no longer monitors the system for the next 12

hours, which can lead to water damage.

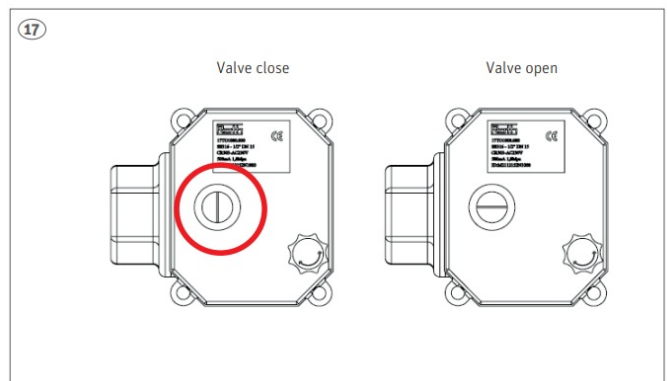
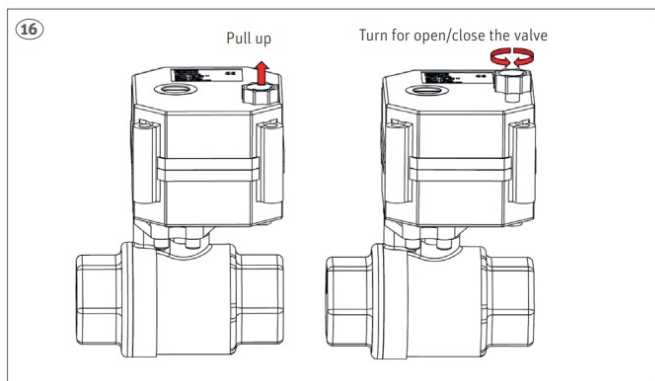


Manual opening/closing of the valve

If you want to operate the valve manually, it is possible.

A. Pull up the small adjustable pinhead (approx. 5 mm)

B. Turn clockwise to close the valve – turn counterclockwise to open REMEMBER to push the impeller down again after manual operation, as otherwise the valve will not be able to shut off the water afterwards and there is a risk of water damage.




Tear off this page and place it on the control unit

Light indications on the control unit:

- Everything OK – Green
- Alarm – Red
- Alarm mute – Flashing red
- No sensor cable detected – Flashing green (only by startup)
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peration of the control unit

- Mute alarms – Hold down the “✓” for 2 sec. (2 flashes)

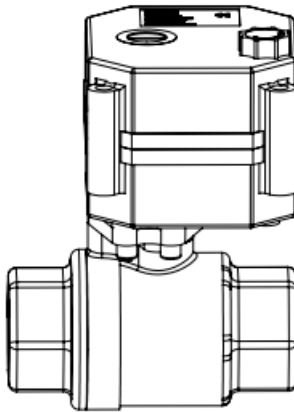
- Open/close the valve manually – Hold down “” for 2 sec. (2 flashes)

Accessories til Roth QuickStop Sensor 1

4 m sensor cable SAP No. 17TE1000.006

1/2" actuator SAP No. 17TO1000.000

3/4" actuator SAP No. 17TO1000.001



Roth QuickStop Sensor

<https://rebrand.ly/QR-fkr-QuickStop-Sensor>




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Installation Roth QuickStop Sensor_1_20221209

Documents / Resources

	Roth QuickStop Sensor 1 Detect Small Leaks [pdf] Installation Guide QuickStop Sensor 1 Detect Small Leaks, QuickStop, Sensor 1 Detect Small Leaks, Detect Small Leaks, Small Leaks, Leaks
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References

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- [Hej! Welcome to sweden.se – the official website of Sweden](#)
- [UK.COM](#)

[Manuals+](#)