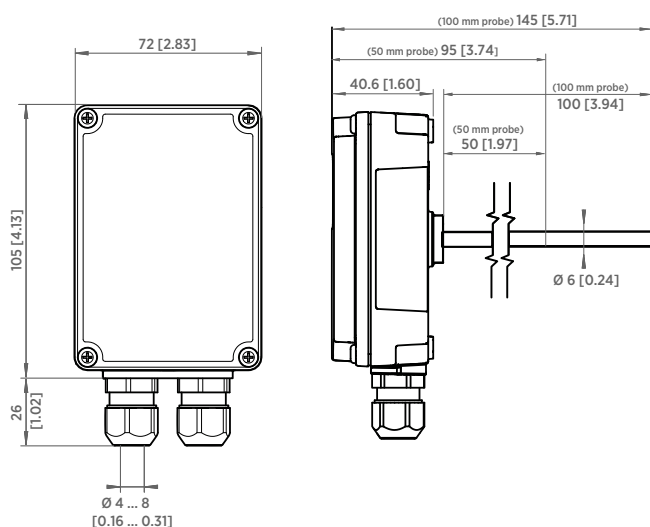


Quick Guide

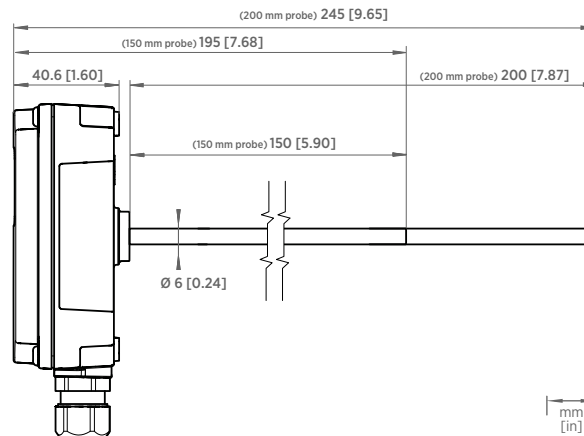
Vaisala Temperature Transmitter TMI110



50 mm probe (1.97 in) and 100 mm probe (3.94 in)



150 mm (5.90 in) probe and 200 mm (7.87 in) probe



The TMI110 temperature transmitter is designed for measuring cooling/heating water temperatures in HVAC automation systems. When measuring the temperature of liquid, the transmitter is installed in a thermowell, as shown in this Quick Guide. For air temperature measurements, the transmitter can be installed in a duct using a flange.

The TMI110 temperature transmitter has two output options: analog (4–20 mA) and Modbus® RTU. The transmitter's component board contains a service port, which can be used for field calibration of the device, and for changing the scale of measurement using Vaisala Insight PC software (available for download at www.vaisala.com/insight).



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VAISALA



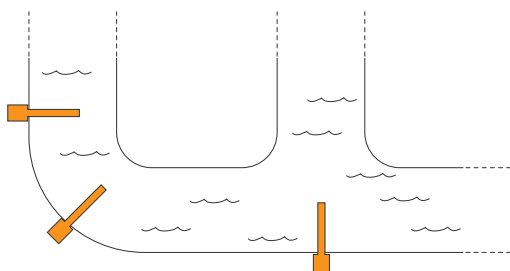
For the full TM1110 product specifications and user guidance, see [TM1110 Datasheet B212427EN](#) and [HMDW110 Series User Guide M211726EN](#), available at docs.vaisala.com.

Installation and wiring

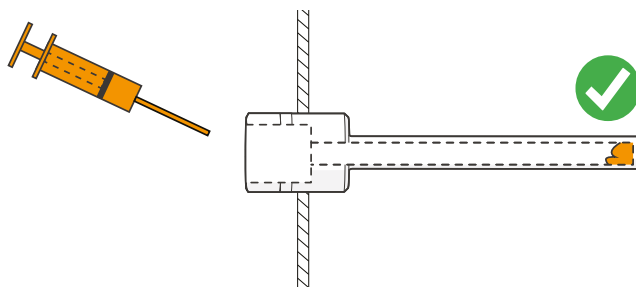


- Medium size crosshead screwdriver (Pozidriv) for the screws on the cover
- Tools for cutting and stripping wires
- 19-mm open-end wrench for tightening the cable gland
- Heat transfer paste
- Thermowell installed in the pipe

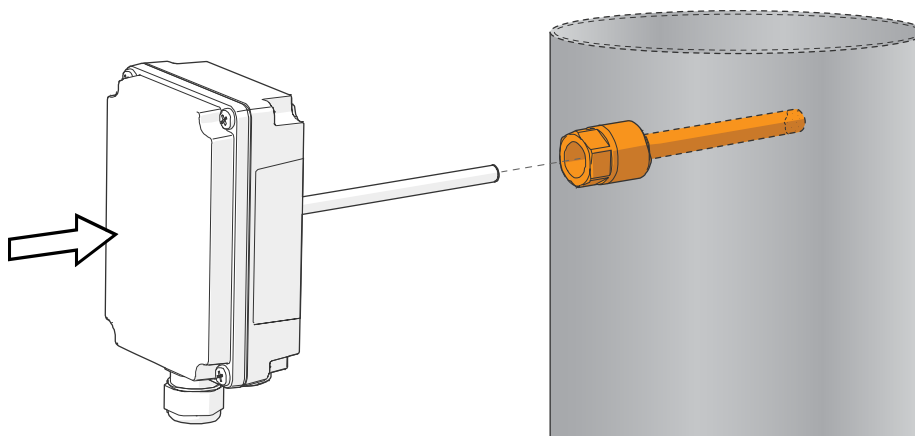
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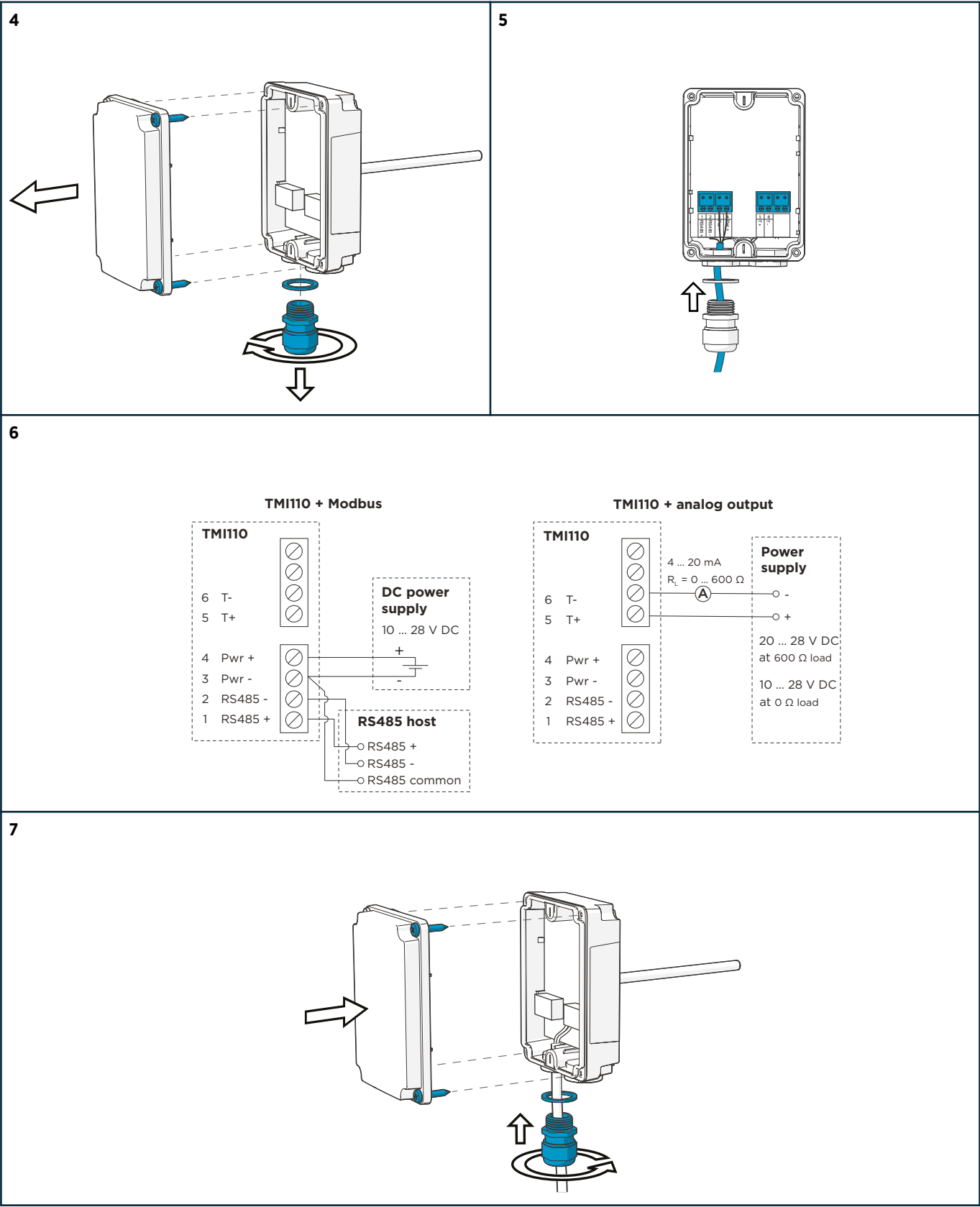


2



3





Maintenance and calibration services



Vaisala offers comprehensive customer care throughout the life cycle of our measurement instruments and systems. Our factory services are provided worldwide with fast deliveries. For more information, see vaisala.com/calibration.

- Vaisala Online Store at store.vaisala.com is available for most countries. You can browse the offering by product model and order the right accessories, spare parts, or maintenance and calibration services.
- To contact your local maintenance and calibration expert, see vaisala.com/contactus.

Technical support



You can contact Vaisala technical support at vaisala.my.site.com/myvaisala or helpdesk@vaisala.com. You can find all our support channels at vaisala.com/support.

When contacting technical support, provide the following as applicable:

- Product name, model, and serial number
- Software/Firmware version
- Name and location of the installation site
- Name and contact information of a technical person who can provide further information
- Diagnostics package for the application

If applicable, also provide the following details:

- What failed (what worked / did not work)?
- Where did it fail (location and environment)?
- When did it fail (date, immediately / after a while / periodically / randomly)?
- How many failed (only one defect / other same or similar defects / several failures in one unit)?
- What was done when the failure was noticed?
- What was connected to the product and to which connectors?
- What is the input power source type, voltage, and what else (such as lighting, heaters, and motors) was connected to the same power output?
- Are all parts connected and grounded properly? Take a photo to help the troubleshooting.

Warranty

For warranty terms and conditions and the warranty claim process, see vaisala.com/warranty.

Note that warranty coverage may not apply if the product is damaged due to normal wear and tear, exceptional operating conditions, negligent handling or installation, or unauthorized modifications. See the applicable supply contract or Conditions of Sale for details of the warranty for each product.

Recycling



Recycle all applicable material according to local regulations.