

Calibration/extension cable for transmitter

Instruction manual



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2 Safety and the environment


2.1. About this document

Use

- > Please read this documentation through carefully and familiarize yourself with the product before putting it to use. Pay particular attention to the safety instructions and warning advice in order to prevent injuries and damage to the products.
- > Keep this document to hand so that you can refer to it when necessary.
- > Hand this documentation on to any subsequent users of the product.

Warnings

Always pay attention to information that is marked by the following warnings with warning pictograms. Implement the specified precautionary measures.

Representation	Explanation
	Indicates serious injuries or death

Symbols and writing standards

Representation	Explanation
i	Note: Basic or further information.
1. ... 2. ...	Action: more steps, the sequence must be followed.
> ...	Action: a step or an optional step.
- ...	Result of an action.

2.2. Ensure safety

- > Only operate the product properly, for its intended purpose and within the parameters specified in the technical data. Do not use any force.
- > Do not operate the instrument if there are signs of damage at the housing, mains unit or feed lines.
- > The objects to be measured or the measurement environment may also pose risks: Note the safety regulations valid in your area when performing the measurements.
- > Only use the device in closed, dry rooms and protect it from rain and moisture.
- > Do not store the product together with solvents. Do not use any desiccants.
- > Carry out only the maintenance and repair work on this instrument that is described in the documentation. Follow the prescribed steps exactly. Use only original spare parts from Testo.

2.3. Protecting the environment

- > At the end of its useful life, send the product to the separate collection for electric and electronic devices (observe local regulations) or return the product to Testo for disposal.

3 Specifications

3.1. Use

Use as a calibration cable

The cable is used to adjust a testo 660x or testo 661x probe on-site and/or in the laboratory.

- On site: The wall probe can be extended with the cable so that the testo 660x or testo 661x probes can be inserted into a mobile calibrator and the transmitter can remain installed.
- In the laboratory: A transmitter must be installed in the laboratory for the adjustment. The wall probe must be inserted into a calibrator or a humidity generator. The required flexibility is provided by the connection of the calibration cable, as only the (wall) probe should be positioned in the humidity generator and not the transmitter.

Use as an extension cable

The cable is also used as a connection/extension between transmitter and probe.

Using the open cable end at the extension cable, trouble-free routing is also possible behind sheeting or in machines.

Shortening the extension cable to the desired length is also possible.

During the adjustment/exchange or the calibration of the probe in the laboratory, it is therefore not necessary to uninstall the complete routing; separation of the probe from the extension cable is sufficient.



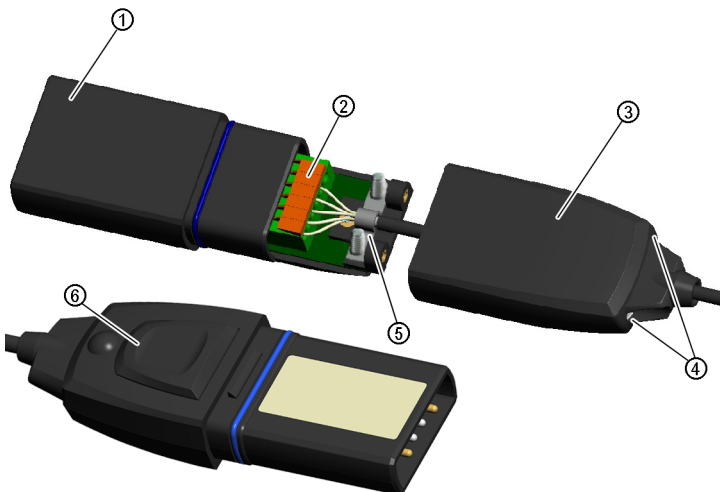
The entire length of cabling between probe and transmitter may not exceed a length of 18 m.

3.2. Technical data

Characteristic	Values
Operating temperature	-40.0 °C to +70.0 °C
Protection class	IP65
Cable length	Calibration/extension cable: Standard length 10 m
Warranty	2 years

4 Product description

Overview



- ① Plug-in connection/socket for the probe
- ② Cable clamp for connection of the extension cable to the plug-in connection for the probe.
- ③ Socket housing
- ④ Mounting screws
- ⑤ Cable setting
- ⑥ Plug-in connection for the transmitter

5 Using the product

5.1. Connecting the cable to the transmitter

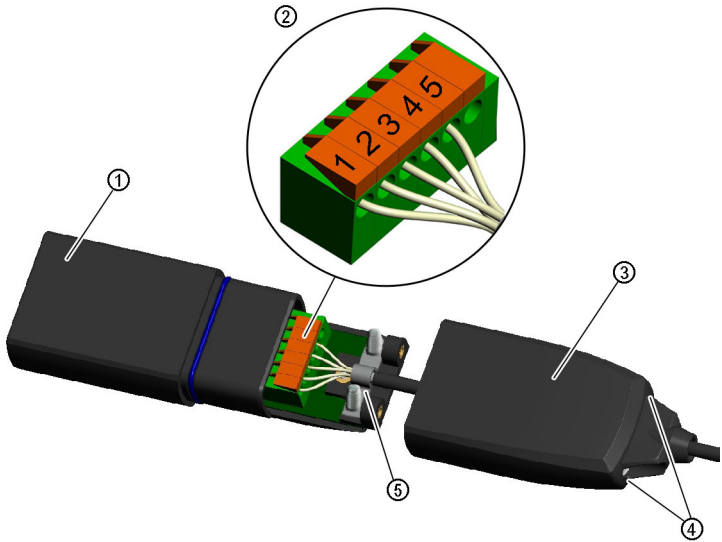


1. Disconnect probe from the socket of the transmitter.
2. Insert plug-in connection of the extension cable ① into the probe socket of the transmitter.
 - Extension cable is connected to the transmitter.

5.2. Connecting the probe to the cable

- > Insert the probe into the socket of the cable.
- Probe is connected to the cable.
- The probe is connected to the transmitter.

5.3. Routing cable



1. Loosen mounting screws ④ of the socket housing.
2. Disconnect socket housing ③ from the socket of the probe ①.
3. Loosen screws of the cable setting ⑤.
4. Disconnect cable from the cable clamp ②.
5. Pull socket housing ③ from the cable.
 - Cable is exposed.
6. Route cable.
7. After routing: Pull cable through the opening of the socket housing ③.

i Ensure that no loose wires from the cable shield are in the terminal compartment. If the cable shield is damaged, shorten the cable ends and reinsulate them.

8. Connect cable to the cable clamp ②

Cable connections (see ②):

1 = white

2 = brown

3 = green

4 = yellow

5 = grey

9. Clamp cable shield under the cable setting.
10. Attach and screw down cable setting ⑤.
11. Place socket housing ③ on the socket ① and attach mounting screws ④.



The cable setting is used for strain relief for the cable. The best possible function can only be ensured by attaching this setting.

Furthermore, the cable shield must be attached under the cable setting in order to comply with the EMC guidelines.

