



Brief Operating Instructions TID10

Measured value display, plug-in version

These Brief Operating Instructions are not a substitute for the Operating Instructions. For further information on the product, see:

- www.endress.com/deviceviewer
- Smartphone/tablet: Endress+Hauser Operations app



Safety instructions

Manufacturer: Endress+Hauser Wetzlar GmbH + Co. KG, Obere Wank 1, D-87484 Nesselwang or www.endress.com

Requirements for personnel

The operating personnel must fulfill the following requirements:

- ▶ They must be trained, qualified specialists.
- ▶ Before starting work, they must have observed the instructions in the documentation and certificates.

Intended use

The device is designed for the local display of measured values and status information as a plug-in display. It may only be used in combination with iTEMP temperature head transmitters from Endress+Hauser. It may only be used in dry, closed housings.

Incorrect use

The manufacturer is not liable for harm caused by improper or unintended use.

Workplace safety

For work on and with the device:

- ▶ Wear the required personal protective equipment according to federal/national regulations.

Operational safety

NOTICE

Damage to the device!

- ▶ Operate the device only if it is in proper technical condition, free from errors and faults.
- ▶ The operator is responsible for ensuring that the device is in good working order.

Product safety

The device meets the general safety requirements and statutory requirements. It also complies with the EU directives listed in the device-specific EU declaration of conformity. The manufacturer confirms this by affixing the CE mark.

Installation

Installation requirements

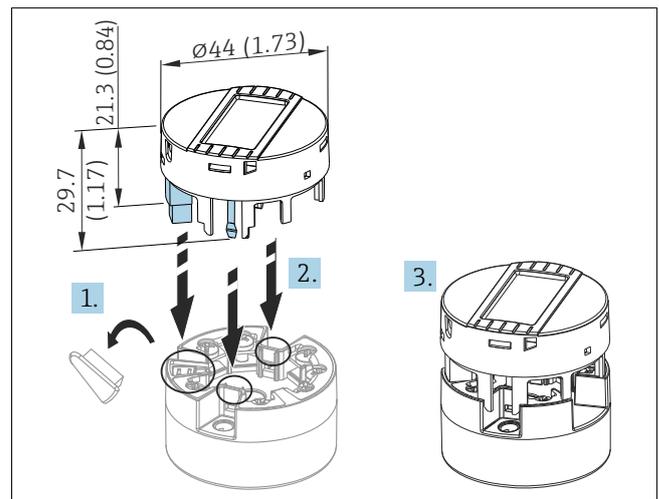
Important ambient conditions

Operating altitude ≤ 4 000 m (13 123 ft)
Ambient temperature range -30 to 85 °C (-22 to 185 °F)
Pollution level 2
Degree of protection IP20
Condensation Not permitted
Installation location Installation on iTEMP head transmitter from Endress+Hauser in the terminal head, flat face, according to DIN EN 50446, with inspection window



At temperatures < -20 °C (-4 °F), the display may respond slowly.

Installing the device



1 Dimensions in mm (inch)

Electrical connection

Connecting the device

Via CDI plug-in connection to the iTEMP head transmitter

Commissioning

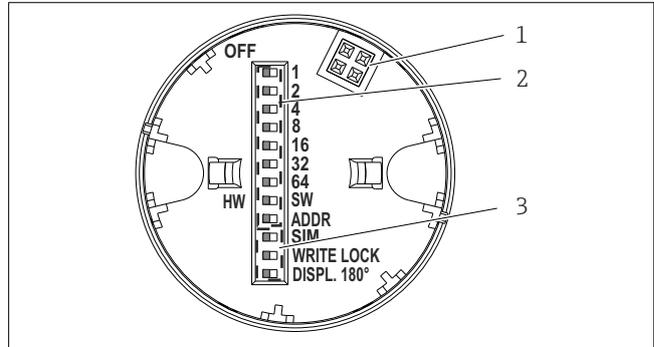
Establish the supply voltage for the iTEMP head transmitter. When the supply voltage is applied to the iTEMP head transmitter, a sequence of information appears on the plugged-in display, such as system data from the display and the head transmitter, as well as the configuration. After approx. 5 seconds, a measured value or an error message is displayed.

Display elements



- 1 Tag display, measuring point
- 2 Channel indicator C1,C2 (P1,S1)
- 3 Configuration locked
- 4 Communication indicator for iTEMP head transmitter
- 5 Measured value and unit indicator or warning/error message
- 6 Bar graph indicator (for iTEMP head transmitter with HART® communication)

Operating elements



- 1 CDI plug-in connection to the iTEMP head transmitter
- 2 DIP switch for addressing
- 3 DIP switch for device settings



Factory setting of the DIP switches = OFF.

For functions and Ex-related safety instructions, see Operating Instructions (BA) and ATEX documentation (XA) of the iTEMP head transmitter used.

Maintenance and cleaning

Maintenance

No special maintenance work is required for the device.

Cleaning



Static charge in hazardous areas.

Explosion hazard!

- ▶ Do not clean with a dry cloth in hazardous areas.