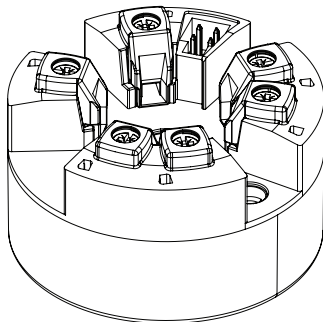


XTH2 Series Head Mounted RTD Temperature Transmitters - Fixed Range

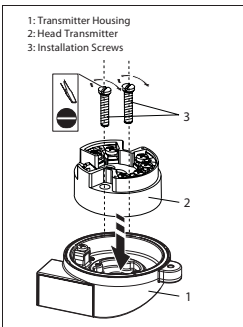


XTH2 Series - Fixed Range

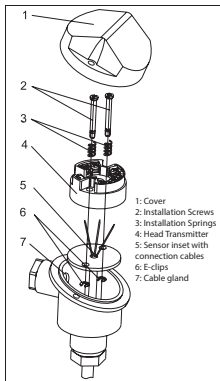
Installation

- Transmitter comes with installation screw kit for both North American and European installations
- Ambient Temperature: -40 to 185°F (-40 to 85°C)
- Installation area: Field housing; connection head Form B according to DIN 43729
- Installation angle: No limit

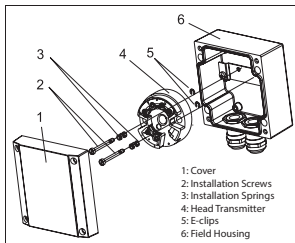
Note: Max. torque 3/4 pound-foot (1 Nm)



North American installation



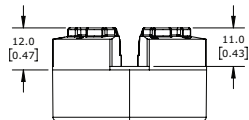
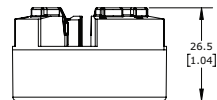
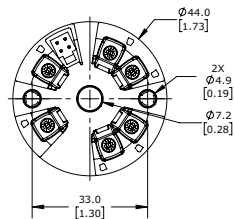
European installation



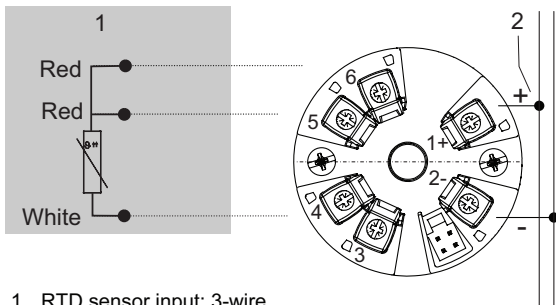
Remote Installation of head transmitter into field housing

Dimensions

mm [inches]



Wiring

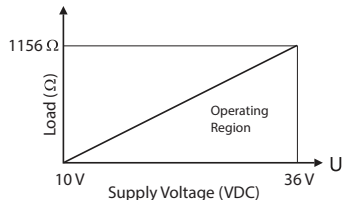


- 1 RTD sensor input: 3-wire
- 2 Power supply (10 to 36 VDC)

Safety instructions:

- To comply with UL61010-1 unit must be supplied by class 2 power supply.
- Disconnect power before making connections

Load Impedance



$$R_{Lmax} = (V_{powersupply} - 10V) / 0.0225A \text{ (current output)}$$

e.g. $(24V - 10V) / 0.0225A = 622.2 \Omega$

Shielding

Please take note when installing the head transmitter remotely from the sensor in a field housing: The shield on the 4-20 mA signal output must have the same potential as the shield at the sensor connections. In plants with strong electromagnetic fields, shielding of all cables with a low ohm connection to the transmitter housing is recommended.

Due to the danger of lightning strikes it is recommended that shielded cable be used in installations outside of buildings.



Please visit www.automationdirect.com for specifications and additional information.

XTH2 product insert Rev. 1



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