



Product Series R4/T4

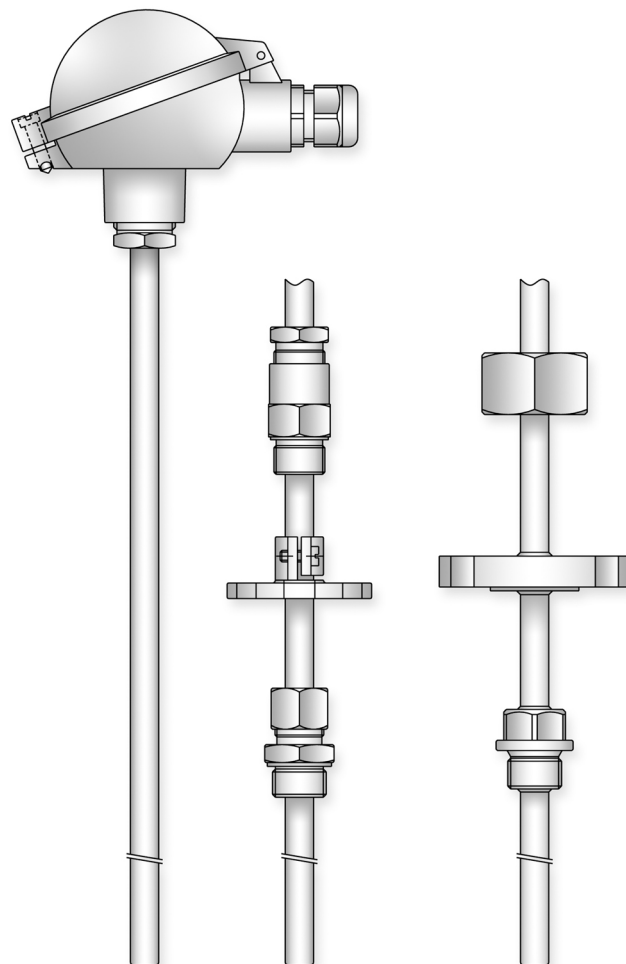
Temperature sensors of series R4/T4 are fitted with protective tubes of varying wall thickness. When custom fitting the protective tubes to the gauge slides short response times can be effected.

These devices are always closed protective tubes fitted either without, with moveable or with welded process connectors. Available standard process connectors include stop flanges, screw sockets and couplings, as well as welded blank flanges, sleeves and double-ended unions.

The process connectors in series R4/T4 do not constitute a zone separation. These temperature sensors can be applied in zone 1 (Gas-Ex) and zone 21 (Dust-Exs).

Thermal Resistance R_{TH} (in K/W) in relation to the Protective Tube Diameter (in mm):

Protective Tube Diameter	Thermal Resistance R_{TH} (Protective Tube Surface at Point of Measurement for Zone 0)
6,0 / 8,0 / 9,0 mm	85 K/W
10,0 / 11,0 / 12,0 / 15,0 mm and larger	55 K/W



Ex II 2G Ex ia IIC T6...T1 Gb

Ex II 2D Ex ia III C TX Db