RTD Thermometer TST410

Benefits:
- High degree of flexibility thanks to modular design with standard terminal heads as per DIN EN 50446 and customer-specific immersion lengths
- High degree of insert compatibility and design as per DIN 43772
- High accuracy and exceptional long-term stability

Specs at a glance
- **Accuracy** class A acc. to IEC 60751 class B acc. to IEC 60751
- **Response time** \( t_{50} = 2 \text{ s} \) \( t_{90} = 4 \text{ s} \)
- **Max. process pressure (static)** at 20 °C: 40 bar (580 psi)
- **Operating temperature range** PT 100: -50 °C ...400 °C (-58 °F ...752 °F)
- **Max. immersion length on request** up to 10,000,00 mm (393,70"

Field of application: The thermometer is mainly used in the chemical industry but also finds its use in other branches. Typical applications are pressure-less systems such as air ducts, flues and pipelines. For protection against high industrial demands the use of a special protective sleeve is recommended. A variety of dimensions offers flexible application possibilities.

Features and specifications

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<th>Thermometer</th>
<th>Measuring principle</th>
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More information and current pricing: [www.us.endress.com/TST410](http://www.us.endress.com/TST410)
Thermometer

**Characteristic / Application**
- metric style
- modular temperature assembly
- process connection as compression fitting without neck
- mini-head

**Thermowell / protection tube**
- without (not intended to use with thermowell)

**Insert / probe**
- mineral insulated (MI), flexible

**Outer diameter protection tube / Insert**
- 3,0 mm (0,12'')

**Max. immersion length on request**
- up to 10.000,00 mm (393,70'')

**Material protection tube/ thermowell**
- 1.4401 (316)

**Process connection**
- compression fitting: G1/4"

**Tip shape**
- straight

**Operating temperature range**
- PT 100:
  - -50 °C ... 400 °C
  - -58 °F ... 752 °F

**Max. process pressure (static)**
- at 20 °C: 40 bar (580 psi)
Thermometer

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