TST602
RTD thermometer, surface measurement

Suitable for the temperature measurement of pipe surfaces or container walls

Benefits:
- Suitable for high process pressures (no direct contact with the process)
- Field of application in heavy duty industrial processes

Specs at a glance
- **Accuracy** class A acc. to IEC 60751 class B acc. to IEC 60751
- **Response time** depending on configuration
- **Max. process pressure (static)** at 20 °C: 500 bar (7.252 psi)
- **Operating temperature range** PT 100: -20 °C ...200 °C (-4 °F ...392 °F)
- **Max. immersion length on request** up to 10,000,00 mm (393,70"")

Field of application: Simple, fast and retrofit installation directly on the pipe or container wall, independent from the process connection, leads to a wide choice of applications: Verifying other measurement devices or temporary temperature measurement without interrupting the process. It is specially designed for climatization and general application in building automation and heat exchangers.

Features and specifications

**Thermometer**

**Measuring principle**
Resistance Temperature Detector
Thermometer

Characteristic / Application
metric style
cable probe
suitable for high process pressures
surface mounting

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

Insert / probe
Not defined

Max. immersion length on request
up to 10.000,00 mm (393,70"

Process connection
surface mounting

Operating temperature range
PT 100:
-20 °C ...200 °C
(-4 °F ...392 °F)

Max. process pressure (static)
at 20 °C: 500 bar (7.252 psi)

Accuracy
class A acc. to IEC 60751
class B acc. to IEC 60751

Response time
depending on configuration

More information www.us.endress.com/TST602