

TST487

Modular RTD thermometer

Comprehensive and common temperature measurement technology for almost all branches of industry



vanaf € 52,00

Prijzen vanaf, 24.06.2021

Meer informatie en actuele prijzen:

www.be.endress.com/TST487

Voordelen:

- 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

Overzicht specificaties

- **Accuracy** class A acc. to IEC 60751
- **Response time** $t_{50} = 4 \text{ s}$ $t_{90} = 8 \text{ s}$
- **Max. process pressure (static)** at 20 °C: 20 bar (290 psi)
- **Operating temperature range** PT 100: -50 °C ...300 °C (-58 °F ...572 °F)
- **Max. immersion length on request** up to 250,00 mm (9,84")

Toepassingsgebied: The thermometer is mainly used in the chemical industry but also finds its use in other branches. Preferred applications are vessels or pipes where no high process pressures and no extreme temperatures appear. The device is equipped with a directly wired Pt100-sensor with 4-wire installation. A variety of immersion lengths offers flexible application possibilities.

Kenmerken en specificaties

Thermometer

Meetprincipe

Resistance Temperature Detector

Thermometer

Characteristic / Application

metric style

modular temperature assembly

threaded process connection

without neck

Thermowell / protection tube

without (not intended to use with thermowell)

Insert / probe

mineral insulated (MI), flexible

Outer diameter protection tube / Insert

6,0 mm (0,24")

Max. immersion length on request

up to 250,00 mm (9,84")

Material protection tube/ thermowell

1.4404 (316L)

Process connection

male thread:

G1/2"

Tip shape

straight

Surface roughness Ra

0,8 µm (31,5 µin.)

Thermometer

Operating temperature range

PT 100:

-50 °C ...300 °C

(-58 °F ...572 °F)

Max. process pressure (static)at 20 °C: 20 bar (290 psi)

Accuracyclass A acc. to IEC 60751

Response time

t50 = 4 s

t90 = 8 s

Integration head transmitterno

Meer informatie www.be.endress.com/TST487