

RTD Thermometer TST487



Yderligere oplysninger og aktuel pris::

www.dk.endress.com/TST487

Fordele:

- 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

Oversigt over specifikationer

- **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")

Anvendelsesområde: 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.

Funktioner og specifikationer

Thermometer

Measuring principle

Characteristic / Application

metric style
 modular temperature assembly
 threaded process connection
 without neck

Thermometer**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.)

Operating temperature range

PT 100:
-50 °C ...300 °C
(-58 °F ...572 °F)

Max. process pressure (static)

at 20 °C: 20 bar (290 psi)

Accuracy

class A acc. to IEC 60751

Thermometer

Response time

t50 = 4 s

t90 = 8 s

Integration head transmitter

no

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