

RTD-Assembly S.A. Style TLSR2



More information and current pricing:

www.cz.endress.com/TLSR2

Benefits:

- Pt100 measuring element according to IEC 60751 with an accuracy Class A according to IEC 60751 and Band 5 (1/10 DIN)
- Customized immersion length
- Sheath material 316SS/L

Specs at a glance

- **Accuracy** class A according to IEC 60751 Band 5 (1/10 DIN)
- **Response time** depending on configuration
- **Max. process pressure (static)** at 20 °C: 10 bar (150 psi) without thermowell
- **Operating temperature range** PT 100: -200 ...600 °C (-328 ...1.112 °F)
- **Max. immersion length on request** up to 2.000 mm (78,74")

Field of application: Easy installation - with adjustable compression fitting or without process connection - various diameter inserts and customized immersion lengths lead to a high flexibility. The probe is suited to temperature measurement in machinery, laboratory equipment and plants in gaseous or liquid medium like air, water, oil, etc.

Features and specifications

Thermometer

Measuring principle

Characteristic / Application

S.A. Style

Cable sensor

universal range of application

usable with or without a thermowell

Thermometer**Thermowell / protection tube**

to use with or without thermowell (can be ordered separately)

Insert / probe

mineral insulated (MI), flexible

Max. immersion length on request

up to 2.000 mm (78,74")

Material protection tube/ thermowell

1.4401 (316)

Optional coating

Not defined

Process connection

Fixed thread:

NPT 1/4"

NPT 1/2"

G1/4"

G1/2"

Adjustable compression fitting:

NPT 1/8"

NPT 1/4"

NPT 3/8"

NPT 1/2"

G1/8"

G1/4"

G3/8"

G1/2"

Tip shape

rounded

flat

Thermometer**Operating temperature range**

PT 100:
-200 ...600 °C
(-328 ...1.112 °F)

Max. process pressure (static)

at 20 °C: 10 bar (150 psi) without thermowell

Accuracy

class A according to IEC 60751
Band 5 (1/10 DIN)

Response time

depending on configuration

Integration head transmitter

no

Certification

EN10204 3.1 Material traceability

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