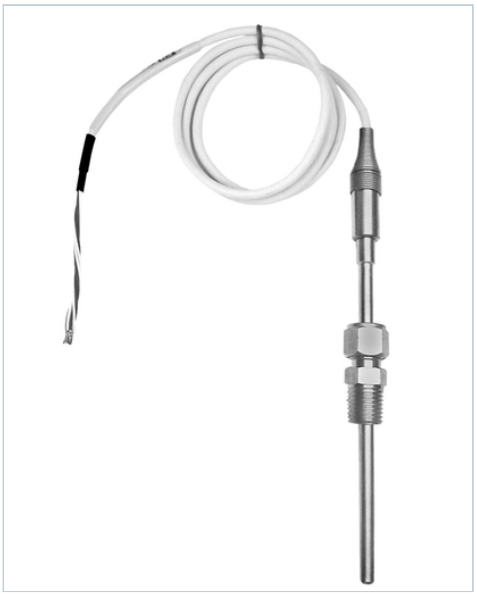
# RTD-Assembly S.A. Style TLSR2



More information and current pricing:
www.at.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

More information **www.at.endress.com/TLSR2**