RTD-PT100-SIL

Product Description

RTD-PT100-SIL: RTD sensor (Pt100), 1/3 DIN accuracy, with silicone cable (with optional pre-wired connector).

This probe is built from a 1/3 DIN precision Resistance Temperature Detector (RTD) element, a stainless steel sleeve and a silicon cable for the most demanding applications. The 3-wire configuration allows for constant correction of errors caused by temperature variations and cable length.

Specifications

- Type: PT100 (385), 3-wire
- Measurement range: -200°C to 200°C
- Accuracy type: 1/3 DIN Class (IEC 751-95), ±0.04Ω (0.1%)
- Element resistance at 0°C: 100 ohms
- Accuracy:
  - ±0.10°C (At 0°C)
  - ±0.15°C (-25°C to 25°C)
  - ±0.18°C (-50°C to 50°C)
  - ±0.27°C (-100°C to 100°C)
  - ±0.43°C (-200°C to 200°C)