# Screw In Pt100 RTD Temperature Probes - 1/4" BSPP process thread - 6mm sheath diameter - 100mm sheath length



Labfacility are the UK's leading manufacturer of Temperature Sensors, Thermocouple Connectors and associated Temperature Instrumentation and stockings of Thermocouple Cables.  The Company has been trading since 1971 and is ISO9001 accredited.

LABFACILITY
TEMPERATURE & PROCESS TECHNOLOGY

# Datasheet

Screw in temperature sensors with a Pt100 class A 4 wire resistance thermometer detector (RTD) with a measuring range of -50 to +250°C with a 1 mete PFA lead wire

Available with process thread options 1/4 BSPP, 1/2 BSPP & 1/4 & 1/2 NPT for direct mounting into vessels, pipes, tanks, or ducting for liquid or gas temperature measurement. With standard diameters of 3 & 6mm diameter 316 Stainless steel sheath and standard lengths of 50, 100, 150 & 200.

Screw-in options 1/4 BSPP, 1/2 BSPP & 1/4 & 1/2 NPT process threads

Pt100 RTD class A 4 wire resistance thermometer as per IEC 751

Sensor temperature rating -50 to +250°C

3 & 6mm 316 stainless steel sheath

50, 100, 150 & 200mm standard lengths

Typical Applications

Industrial Process Control

Pipes or Ducts

Vessels & Tanks

**Specifications**

## Specifications

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|---|---|
| **Product Code** | XE-7305-001 |
| **General Description** | Screw in RTD with 1/4" BSPP process fitting |
| **Sensor Type** | Pt100 |
| **Cable Length** | 1M |
| **Cable Type** | PFA |
| **Termination Type** | Stripped Wires |
| **Sheath Length (mm)** | 100mm |
| **Sheath Diameter (mm)** | 6mm |
| **Process Connection options** | 1/4" BSPP |
| **Max. Temperature** | 250°C |

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|---|---|
| **Min. Temperature** | -75°C |
| **Standards Met** | IEC 60751 |
| **Number of Wires** | 4 |