Screw In Pt100 RTD Temperature Probes - 1/4" BSPP process thread - 3mm 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

Product Code	XE-7301-001
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)	3mm
Process Connection options	1/4" BSPP
Max. Temperature	250°C

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