

Datasheet

# Platinum Resistance Thermometer Pt100 Industrial Sensor Probe, Class B

Available in 3.0, 4.0, 4.5 or 6.0mm diameter x Various probe lengths



- Multipurpose Pt100 Probe to IEC751
- Class B, 4-wire connection
- Rigid 316 stainless steel sheath
- 1 or 2 metre Teflon® insulated, screened lead
- Sensor temperature rating -50°C to +250°C

**What is the difference between a RTD and PRT sensor?**

Nothing. RTD means resistance thermometer detector (the sensing element) and PRT means Platinum resistance thermometer (the whole assembly) i.e. a PRT uses a RTD.

## Specifications

Sensor type:	Pt100 (100 Ohms @ 0°C) to IEC 751, Class B, 4 wire
Construction:	4.5mm diameter 316 stainless steel sheath.
Probe temperature range:	-50°C to +250°C
Extension cable:	1 or 2 metre flexible Teflon® insulated, screened
Termination:	4-wire tails – allows connection to any PT100 instrument 2, 3 or 4 wire

Probe Diameter	Probe Length	Cable Length	Order Number
4.5mm	75mm	2 m	<b>XF-1951-FAR</b>
4.5mm	150mm	2 m	<b>XF-1953-FAR</b>
4.5mm	200mm	2 m	<b>XF-1952-FAR</b>