

Datasheet

Platinum Resistance Pt100 Probe with Terminal Head



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.

- Heavy duty Pt100 probe with terminal head
- Class B, 4 wire connection
- Available in probe lengths 150mm, 250mm & 300mm
- 6.0mm diameter in 316 stainless steel
- IP67 aluminium alloy weatherproof connection head
- Sensor temperature rating -50°C to +450°C
- Conforms to IEC 751

Specifications

Sensor type: Pt100 (100 Ohms @ 0°C) to IEC 751, Class B, 4 wire
 Construction: 6.0mm diameter stem in 316 stainless steel
 Termination: IP67 aluminium alloy weatherproof connection head with 4 wire connection block, M20 x 1.5mm cable entry (gland included)
 Probe temperature range: -50°C to +450°C (connection head @ 170°C)

Probe Dia Ø	Probe length	order code
6.0mm	150mm	XF-1441-FAR
6.0mm	250mm	XF-1442-FAR
6.0mm	300mm	XF-1443-FAR