

Datasheet

Platinum Resistance Pt1000 Class B Sensor with Teflon® insulated lead



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.

- Pt1000 element to IEC 751 Class B
- 2 wire configuration
- Temperature range -50°C to + 200°C
- Pt1000 element in a 4.0mm diameter 316 stainless steel probe
- 1 metre Teflon® insulated twisted lead, 2 core

Specifications

Sensor type: Pt1000 (1000 Ohms @ 0°C) to IEC 751, Class B
 Construction: Insulated element in a 4.0mm diameter 316 stainless steel probe
 Probe temperature range: -50°C to +200°C
 Extension cable: 1 metre Teflon® insulated 2 core twisted leads
 Termination: 2-wire tails

Probe dimensions (dia. x length)	Product code	RS order code
4mm x 25mm	RAA-S2B-4.0-25-NP-1.0-C5-T-PT1000	178-0974
4mm x 40mm	RAA-S2B-4.0-40-NP-1.0-C5-T-PT1000	123-5612
4mm x 75mm	RAA-S2B-4.0-75-NP-1.0-C5-T-PT1000	136-5901
4mm x 125mm	RAA-S2B-4.0-125-NP-1.0-C5-T-PT1000	136-5902
4mm x 150mm	RAA-S2B-4.0-150-NP-1.0-C5-T-PT1000	178-0975