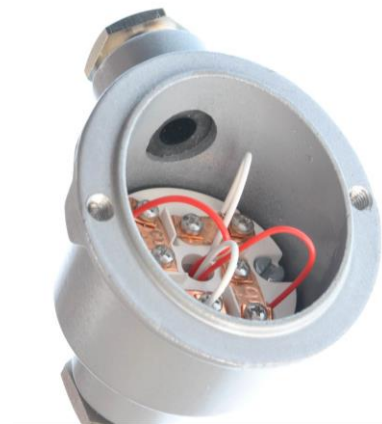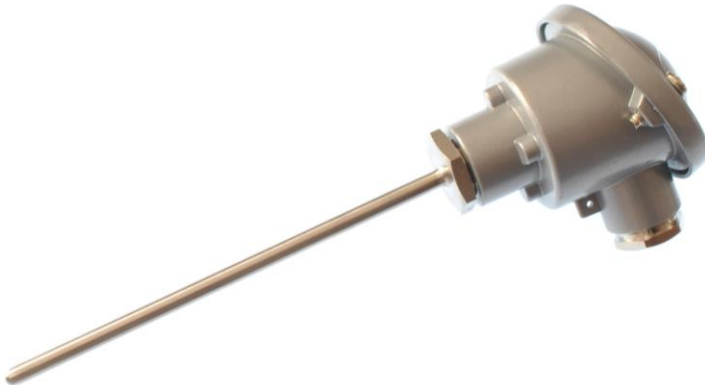# Datasheet

Platinum Resistance Pt100 4 wire class B Resistance Thermometer with DIN B Head

With stainless steel plug (no thread)

- Pt100 probe with DIN B terminal head
- Class B, 4 wire connection
- Various probe available lengths
- 6.0mm diameter in 316 stainless steel
- With Stainless steel plug
- Sensor temperature rating -50°C to +450°C
- Conforms to IEC 751

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: 6.0mm diameter stem in 316 stainless steel
Termination: IP67 DIN B connection head
Process connection: Stainless Steel plug
Cable Entry: PG16
Probe temperature range: -50°C to +450°C (connection head @ 170°C)

Probe DiaØ	Probe length	RS order code
6.0mm	100mm	872-2736
6.0mm	150mm	872-2739
6.0mm	200mm	872-2733
6.0mm	250mm	872-2742
6.0mm	300mm	872-2745
6.0mm	500mm	872-2749

RS197/0320