Datasheet

Platinum Resistance Pt100 Class B Sensors with Teflon® Insulated lead in a Stainless Steel Tube

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.

- Pt100 element to IEC 751 Class B
- 4 wire configuration
- Temperature range -50°C to + 200°C
- Pt100 element in a 3.0 or 4.0mm diameter 316 stainless steel probe
- 1 metre Teflon® insulated twisted lead, 4 core

Specifications

Sensor type:	Pt100 (100 Ohms @ 0°C) to IEC 751, Class B
Construction:	Insulated element in a 3.0 or 4.0mm diameter 316 stainless steel probe
Probe temperature range:	-50°C to +200°C
Extension cable:	1 metre Teflon® insulated 4 core twisted leads
Termination:	4-wire tails

Probe dimensions (dia. x length)	**Product code**	**order code**
4mm x 65mm	RAA-S4B-4.0-65-NP-1.0-C5-T	XF-1948-FAR
4mm x 90mm	RAA-S4B-4.0-90-NP-1.0-C5-T	XF-1950-FAR