

FEATURES

- wide operating temperature range: -50 °C to 250°C
- 6mm probe diameter
- 1metre 6 core that is insulated in Teflon for added durability
- Mineral insulated types can be carefully bent into shape
- One probe can be connected to two measurement or control devices

RS PRO 2 x 3 wire PT100 Sensor, -50°C min +250°C max, 150mm Probe Length x 6mm Probe Diameter

RS Stock No.: 397-1393



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

From the great value brand RS PRO, comes a range of high quality and great value PRT (Platinum resistance thermometer) Pt100 Dual Element Industrial Sensor Probes. Manufactured with a rigid 316 stainless steel sheath, these high-temperature PRT probes are an excellent solution for temperature measurement.

General Specifications

Sensor Type	PT100
Probe Material	Stainless Steel
Number Of Wires	2x3
Accuracy	Class B
Construction	6.0mm diameter 316 stainless steel sheath, rigid stem
Applications	These PRT housings have a variety of application use such as: Heating, Air conditioning, Stoves and grills, Food processing, Energy

Electrical Specifications

Ice point resistance	100Ω
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Mechanical Specifications

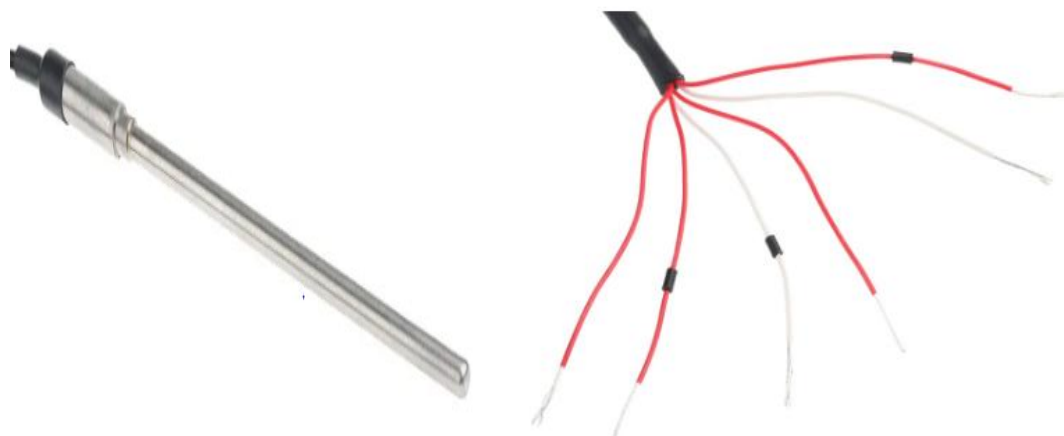
Probe Length	150mm
Probe Diameter	6mm
Termination Type	2 x 3 wire tails – allows connection to any 2 or 3 wire PT100 instrument
Cable Length	1m
Process Connection	Probe
Extended lead wires	1 metre 7/0.2mm flexible 6 core Teflon® insulated & screened
Sheath	Stainless steel

Operation Environment Specifications

Minimum Temperature Sensed	-50°C
Maximum Temperature Sensed	250°C

Approvals

Compliance/Certifications	IEC751
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Platinum Resistance Temperature Sensors



Probe Diameter	Probe Length	Cable Length	Cable conductors	Allied code	RS Order code
6mm	150mm	1 metre	7/0.2mm	70643857	397-1393
6mm	250mm	1 metre	7/0.2mm	70643858	397-1400