FEATURES

- **Flattened at tip for improved thermal response**

- **Temperature range -50°C to 250°C**

- **Waterproof stainless-steel sheath for use in adverse conditions**

- **Flat 25mm of sheath improves response time**

- **1/8" BSPP brass male compression fitting with locking nut**

RS PRO 2 wire PT100 Sensor, -50°C min +250°C max, 150mm Probe Length x 4mm Probe Diameter

RS Stock No.: 237-1663

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 trusted brand RS PRO, comes a high quality and great value PT100 PRT (Platinum resistance thermometer) probe. With its robust construction, this 316-stainless steel probe is an excellent solution for temperature measurement.

General Specifications

Sensor Type	PT100
Probe Material	316 Stainless Steel
Number Of Wires	2
Accuracy	Class B
Construction	316 stainless steel probe, 4.0mm diameter (6mm max. across flat area of tip) x 150mm long overall
Applications	Platinum resistance thermometers have a variety of application use such as: Heating, Air conditioning, Stoves and grills, Food processing, Energy

Electrical Specifications

Ice point resistance	100Ω

Platinum Resistance Temperature Sensors

Mechanical Specifications

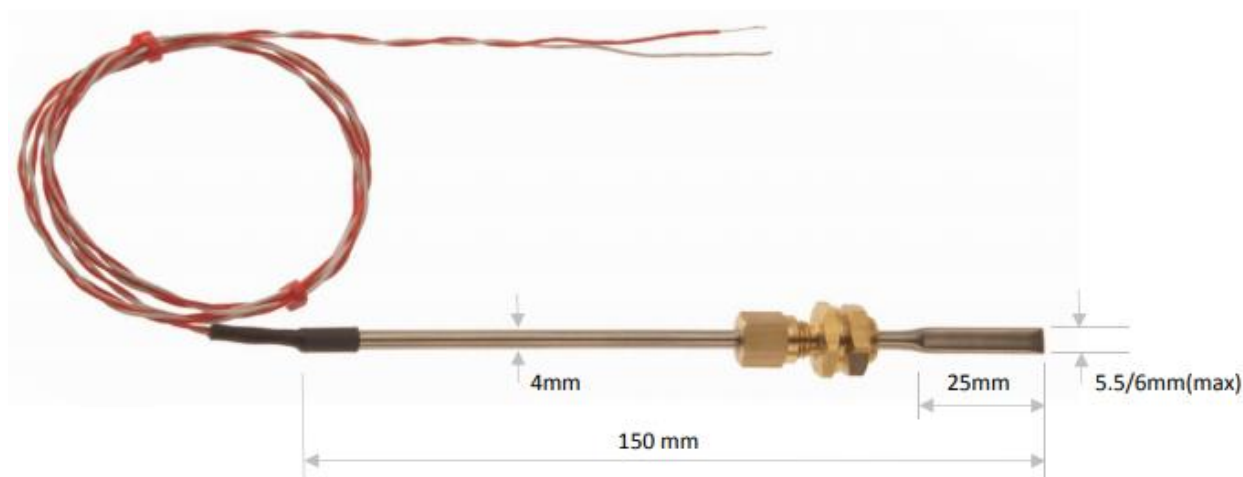|	
Probe Length	150mm
Probe Diameter	4mm
Termination Type	2-wire tails
Cable Length	1mm
Process Connection	1/8" BSPP brass male compression fitting with locking nut
Extended lead wires	1 metre 7/0.2mm Teflon® insulated 2 core twisted leads
Sheath	Stainless steel

Operation Environment Specifications

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

Approvals

Compliance/Certifications	IEC751

Probe Diameter	Probe Length	Cable Length	Cable Conductors	Allied Code	RS Order code
4.0mm	150mm	1 metre	7/0.2mm	70641768	**237-1663**