RS
PRO

FEATURES

- **The probe can be bent to enable fitting in awkward locations**

- **Extremely rugged**

- **Particularly suitable for industrial applications including high pressure, high vacuum and vibration**

- **The probes can be bent to enable fitting in awkward locations**

- **Temperature range -50°C to + 500°C**

RS PRO 4 wire PT100 Sensor, -50°C min +500°C max, 150mm Probe Length x 3mm Probe Diameter

RS Stock No.: 397-1315

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. Manufactured to industry standards, this high temperature and flexible stainless steel Pt100 probe is an excellent solution for temperature measurement.

General Specifications

Sensor Type	PT100
Probe Material	Stainless Steel
Number Of Wires	4
Accuracy	Class B
Response Time	Air at 1m/s 17seconds, Water at 1m/s 0.21seconds
Construction	Mineral insulated probe, 316 stainless steel sheath
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

Mechanical Specifications

Probe Length	150mm
Probe Diameter	3mm
Termination Type	4-wire tails – allows connection to any PT100 instrument 2, 3 or 4 wire
Cable Length	1m
Process Connection	Probe
Reel Length	10 metres

Operation Environment Specifications

Minimum Temperature Sensed	-200°C
Maximum Temperature Sensed	650°C

Approvals

Compliance/Certifications	EN;60751;1996 1/10TH Class B
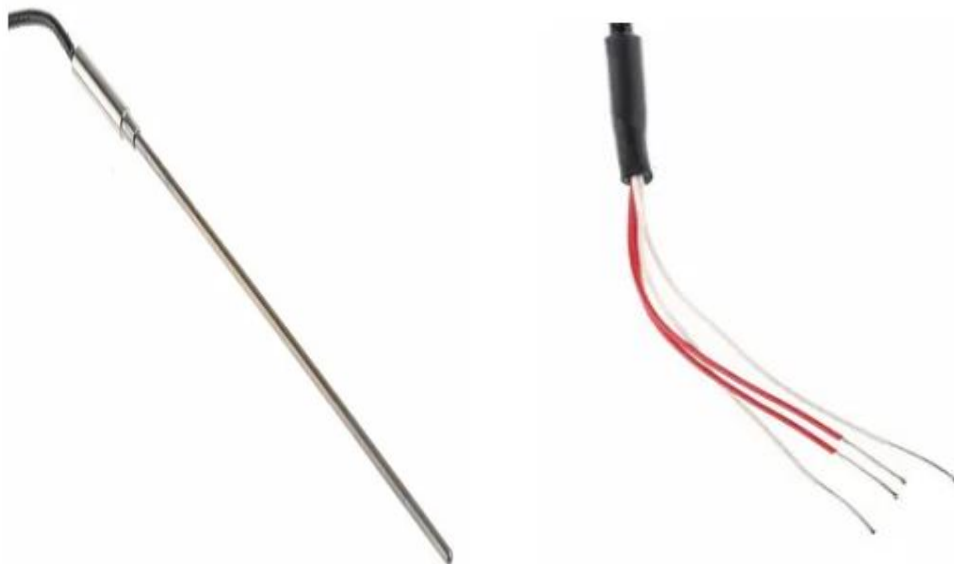
Probe Diameter	Probe Length	Cable Length	Allied Code	RS Order Number
3mm	150mm	1 meter	70643849	**397-1315**
3mm	250mm	1 meter	70643850	**397-1321**
6mm	150mm	1 meter	70643851	**397-1337**
6mm	250mm	1 meter	70643852	**397-1343**