

FEATURES

- A wide operating temperature range: -200°C to 600°C
- Available with either 8mm or 15mm probe lengths
- Available with either 1.4mm, 1.6mm and 2.8mm probe diameters
- 1 m/s response time

RS PRO PT100 Sensor, -200°C min +600°C max, 8mm Probe Length x 1.6mm Probe Diameter

RS Stock No.: 293-8480



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 PT100 PRT (Platinum resistance thermometer) probes. Manufactured to industry standards, these high-temperature PRT probes are an excellent solution for temperature measurement.

General Specifications

Sensor Type	PT100
Probe Material	Platinum
Accuracy	Class 1/10 B
Response Time	1m/s
Construction	Wound resistor wire freely inserted into a cylindrical ceramic support, Wires in palladium coated platinum
Tolerance	$\pm 0.10 + 0.002.[t^{\circ}\text{C}]$
Applications	Platinum resistance thermometers have a variety of application use such as: Heating, Air conditioning, Stoves and grills, Food processing, Energy

Mechanical Specifications

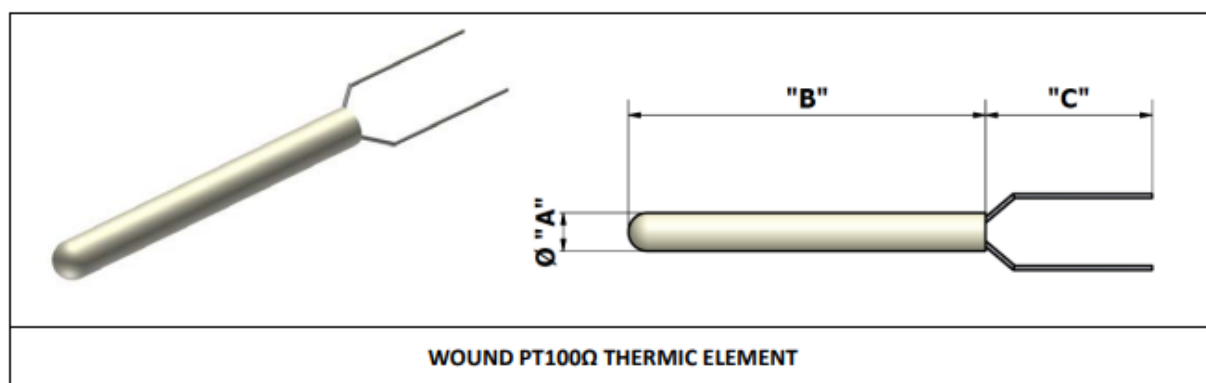
Probe Length	8mm
Probe Diameter	1.6mm
Legs length	7.5mm
Legs diameter	0.24mm
Termination Type	Solder
Process Connection	Probe

Operation Environment Specifications

Minimum Temperature Sensed	-200°C
Maximum Temperature Sensed	600°C

Approvals

Compliance/Certifications	IEC751
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Other Dimensions :

Precision Dimensions "A"&"B"	CLA	1/3DIN	1/5DIN	1/10DIN
1,4x15mm	293-8503 {2xPT100}	-	-	-
1,6x8mm	293-8452	293-8468	293-8474	293-8480
2,8x15mm	293-8496	-	-	-