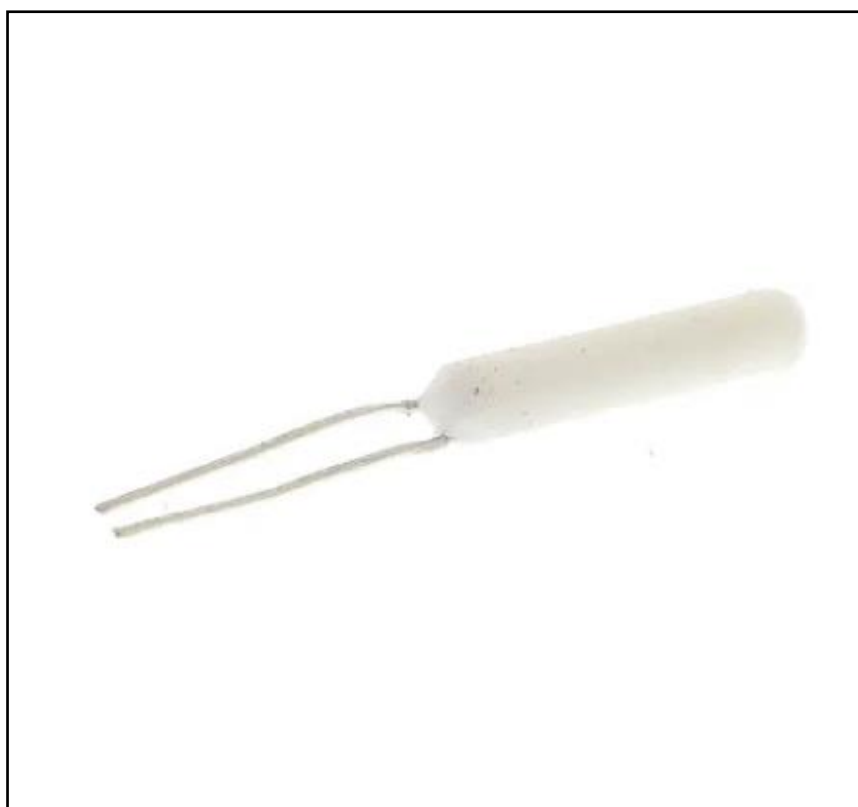


## FEATURES

- 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
- 1m/s response time

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

RS Stock No.: 293-8474



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

<b>Sensor Type</b>	PT100
<b>Probe Material</b>	Platinum
<b>Accuracy</b>	Class A
<b>Response Time</b>	1m/s
<b>Construction</b>	Double PT100Ω thermic element – 1/10 DIN Class, Wound resistor wire freely inserted into a cylindrical ceramic support
<b>Tolerance</b>	$\pm 0.10 + 0.002.[t^{\circ}\text{C}]$
<b>Applications</b>	These PRT probes have a variety of application use such as :Heating, Air conditioning, Stoves and grills, Food processing, Energy

## Mechanical Specifications

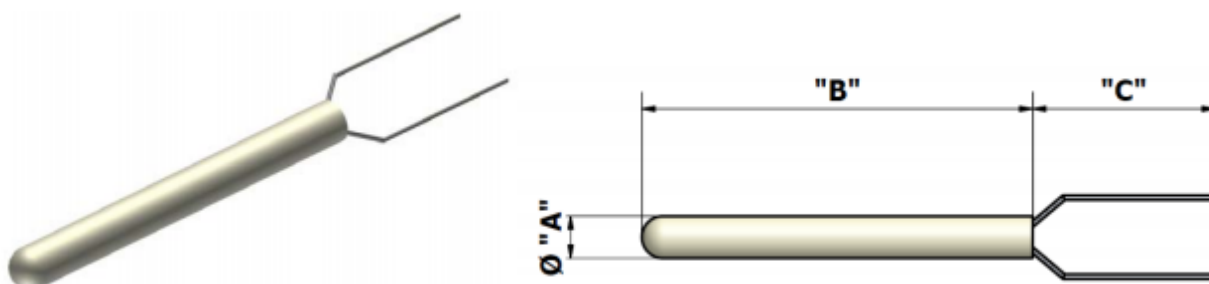
<b>Probe Length</b>	8mm
<b>Probe Diameter</b>	1.6mm
<b>Legs length</b>	7.5mm
<b>Legs diameter</b>	0.24mm
<b>Termination Type</b>	Solder
<b>Process Connection</b>	Probe

## 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	-	-	-