

## FEATURES

- Operating temperature range: -50 to 200°C (Class B), -20 to 100°C (Class A)
- PT100 and PT1000 sensors available in this range.
- Available with either 4mm or 5mm diameter probes
- Available with either 2 or 3 wire configurations
- Available in IEC 751 Class A and Class B tolerances

## RS PRO 2 wire PT1000 Sensor, -50°C min +200°C max, 40mm Probe Length x 4mm Probe Diameter

RS Stock No.: 123-5612



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 RS PRO, comes a range of high quality and great value PT100 and PT1000 PRT (Platinum resistance thermometer) probe. Manufactured to industry standards, this high-temperature stainless steel probe is an excellent solution for temperature measurement.

## General Specifications

<b>Sensor Type</b>	PT1000
<b>Probe Material</b>	Stainless Steel
<b>Number Of Wires</b>	2
<b>Accuracy</b>	Class B
<b>Construction</b>	Insulated element in a 4.0mm diameter 316 stainless steel probe
<b>Tolerance</b>	Class B
<b>Applications</b>	This platinum resistance temperature probes have a variety of application use such as; Heating, Air conditioning, Stoves and grills, Food processing and energy

## Mechanical Specifications

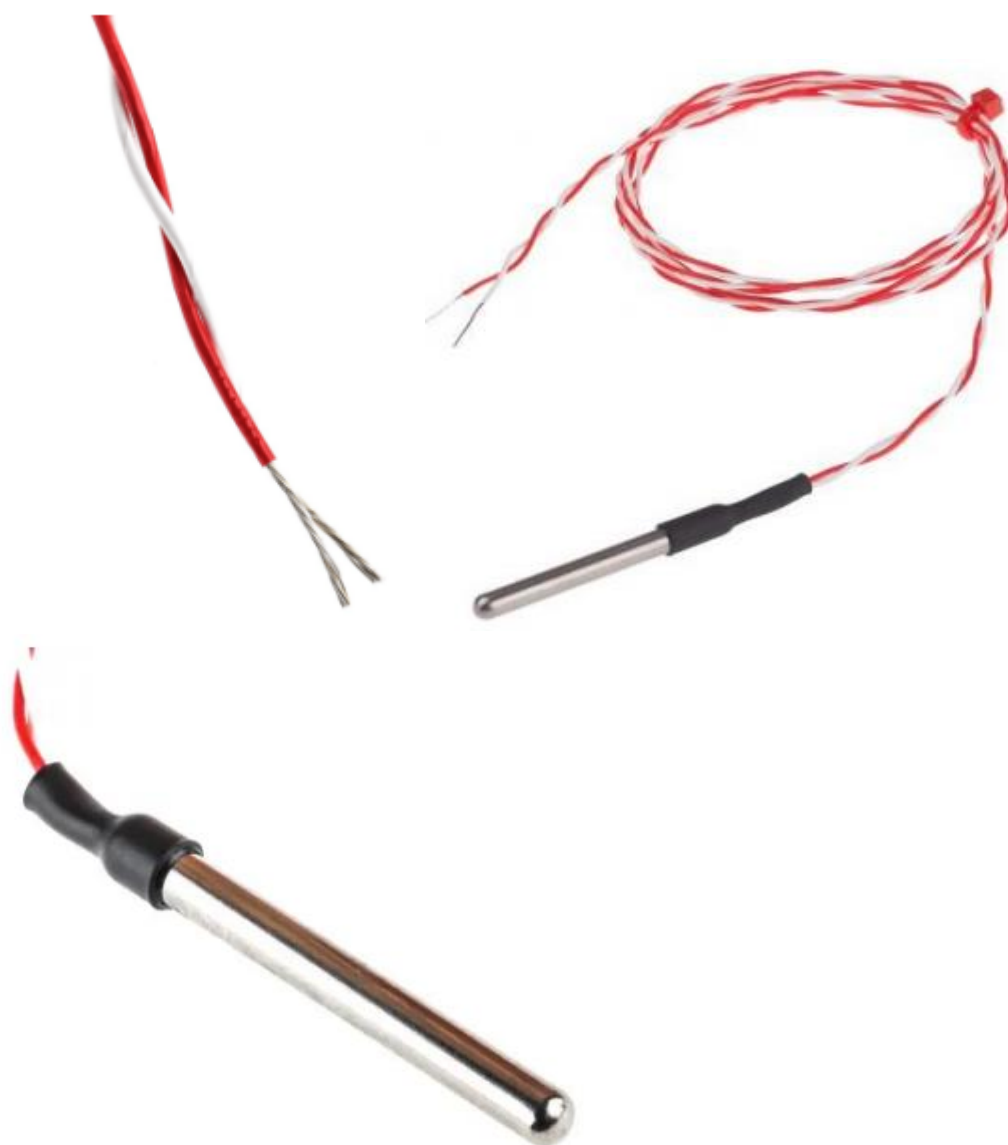
<b>Patch dimensions</b>	4mm x 40mm
<b>Probe Length</b>	40mm
<b>Probe Diameter</b>	4mm
<b>Termination Type</b>	2-wire tails
<b>Cable Length</b>	1m
<b>Process Connection</b>	Probe
<b>Extended lead wires</b>	1 metre Teflon® insulated 2 core twisted leads

## Operation Environment Specifications

Minimum Temperature Sensed	-50°C
Maximum Temperature Sensed	200°C

## Approvals

Compliance/Certifications	IEC 751
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Probe dimensions (dia. x length)	Product code	RS order code
4mm x 25mm	RAA-S2B-4.0-25-NP-1.0-C5-T-PT1000	<b>178-0974</b>
4mm x 40mm	RAA-S2B-4.0-40-NP-1.0-C5-T-PT1000	<b>123-5612</b>
4mm x 75mm	RAA-S2B-4.0-75-NP-1.0-C5-T-PT1000	<b>136-5901</b>
4mm x 125mm	RAA-S2B-4.0-125-NP-1.0-C5-T-PT1000	<b>136-5902</b>
4mm x 150mm	RAA-S2B-4.0-150-NP-1.0-C5-T-PT1000	<b>178-0975</b>