

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 3 wire PT100 Sensor, -20°C min +100°C max, 50mm Probe Length x 5mm Probe Diameter

RS Stock No.: 896-8395



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

Sensor Type	PT100
Probe Material	Stainless Steel
Number Of Wires	3
Accuracy	Class A
Construction	Cable 3 conductors, isolated PVC/PVC
Tolerance	$\pm 0.15 + 0.002 \cdot [t^{\circ}\text{C}]$
Applications	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

Probe Length	50mm
Probe Diameter	5mm
Legs length	Length (tip + cable) = 1500mm
Legs diameter	0.24mm
Termination Type	Cable
Cable Length	1.5mm
Process Connection	Probe

Operation Environment Specifications

Minimum Temperature Sensed	-20°C
Maximum Temperature Sensed	100°C

Approvals

Compliance/Certifications	IEC751 Class A and Class B
Hazardous Area Certification	IEC751

