

FEATURES

- PT100 sensor
- Needle / penetration probe
- Probe length of 100 mm
- Probe diameter of 3.3 mm
- Temperature measurement range of -100°C to +250°C
- Cable Length of 2 m
- Best Accuracy of $\pm 0.2\%$
- Response time of 10 s

RS PRO PT100 Needle, Penetration Temperature Probe

RS Stock No.: 348-2433



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

This temperature probe from our trusted RS PRO range has an accurate PT 100 temperature sensor, housed within a sharpened needle. It can return an accurate temperature reading within 10 seconds, making it a reliable and rapid way to measure temperatures from -100°C to +250°C.

General Specifications

Probe Type	Needle, Penetration
Probe Tip type	Needle
Sensor Type	PT100
Response Time	10sec
Best Accuracy	±0.2
Connector Type	Moulded Plug
Applications	safety of food items in hospitality environments, as well as measuring temperatures in industrial and engineering applications

Mechanical Specifications

Probe Diameter	3.3mm
Probe Length	100mm
Probe Sheath Material	316 stainless steel
Cable Length	2m

Operation Environment Specifications

Operating Temperature	-30°C to +50°C
Minimum Temperature Measurement	-100°C
Maximum Temperature Measurement	+250 °C

Approvals

Compliance/Certifications

EN61340



