

Datasheet

## RS Pro Temperature Probe, PT100, -100 to +250 °C

RS Stock No: **348-2433**



### Product Details

RS Pro temperature probe uses PT100 sensor for the measurement of temperatures up to +250°C. This 100 mm long probe has a diameter of 3.3 mm and includes 2 m cable. This probe has non-terminated 4-wire connection lead. The probe sheath is made from food-grade 316 stainless steel. The bulbous handle enables the sensor tip to penetrate semi solid material for sub-surface temperature measurement.

### Features and Benefits

- Houses a PT100 sensor within a sharpened needle
- 2 m long cable
- Accuracy of  $\pm 0.25\%$
- 110 mm long probe
- Pore diameter of 4 mm

**Specifications:**

Best Accuracy	±0.2%
Cable Length	2 m
Connector Type	Moulded Plug
Maximum Temperature Measurement	+250°C
Probe Diameter	3.3 mm
Probe Length	100 mm
Probe Type	Needle, Penetration
Sensor Type	PT100
Ambient Temperature	-30 to +50°C
Minimum Temperature Measurement	-100°C
Response Time	10 s