

Datasheet

**RS Pro Temperature Probe, K, -100 to +750 °C**

RS Stock No: **342-8990**



## Product Details

RS Pro temperature probe uses type K sensor for the measurement of temperatures up to +750°C. This 110 mm long probe has a diameter of 4 mm and includes 2 m cable. These air probes feature an exposed thermocouple junction protected by a stainless steel sheath. It is perforated to allow the free passage of gases across the sensing element.

## Features and Benefits

- The thermocouple junction is isolated from the sheath
- 2 m long cable
- Miniature plug
- Accuracy of  $\pm 0.25\%$
- Pore diameter of 4 mm

**Specifications:**

Best Accuracy	±0.25%
Cable Length	2 m
Calibrated	No
Connector Type	Miniature Plug
Maximum Temperature Measurement	+750°C
Probe Diameter	4 mm
Probe Length	110 mm
Probe Type	Air, General
Sensor Type	K
Ambient Temperature	-30 to +50°C
Minimum Temperature Measurement	-100°C
Response Time	0.1 s