

Datasheet

RS Pro Temperature Probe, K

RS Stock No: **342-9038**



Product Details

RS Pro temperature probe uses type K sensor for the measurement of temperatures up to +250°C. This probe is moulded directly onto a miniature thermocouple plug giving a waterproof and robust assembly element. It provides an economic solution to temperature measurement. The handle includes a miniature thermocouple socket to hold the plug-mounted probes. A flexible holding piece firmly holds the probe in place. The fast response sensor comprising an exposed thermocouple junction protected by a perforated stainless steel sheath is perfect for use in heating and ventilation work allowing for temperature measurement with a simple one-handed operation.

Features and Benefits

- A 3 mm diameter mineral insulated probe is 100 mm long with a stainless steel sheath
- A probe with a sharpened tip that may be used to measure internal temperature of semi-solids
- Features a sprung draught shield, which also serves to protect the tip when not in use
- A thin metal disc giving a low thermal mass which provides for a fast response
- 2 m long cable
- Miniature thermocouple plug
- Accuracy of $\pm 0.25\%$



Specifications:

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|---------------------------------|-----------------------------|
| Best Accuracy | ±0.25% |
| Cable Length | 2 m |
| Connector Type | Miniature Thermocouple Plug |
| Maximum Temperature Measurement | +250°C |
| Sensor Type | K |
| Ambient Temperature | -30 to +50°C |