

## FEATURES

- High accuracy K type thermocouple material throughout
- Ideal for the temperature measurement of surfaces
- Supplied with 1m cable
- Terminated with moulded mini plug

## RS PRO K Type Surface Temperature Probe (200 x 6mm)

RS Stock No.: 204-8394



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 K type thermocouple sensor is manufactured with a straight handle for fine control, 1m durable polyurethane cable, terminated with a moulded mini thermocouple plug. The probe features a 'crossed' ribbon sensing tip for superior strength and speed when compared to a single band version.

The probe is ideal for monitoring surfaces in a range of applications.

## General Specifications

<b>Series</b>	RS PRO
<b>Probe Type</b>	Surface
<b>Probe Tip type</b>	Band
<b>Sensor Type</b>	K Type Thermocouple
<b>Minimum Temperature Measurement</b>	-50°C
<b>Maximum Temperature Measurement</b>	600°C
<b>Response Time</b>	3 secs (96% of value on clean metal)
<b>Best Accuracy</b>	±1.5°C (±0.25%)
<b>Accuracy Class</b>	Class I
<b>Connector Type</b>	Mini plug
<b>Operating Temperature</b>	-50 to 600°C
<b>Storage Temperature</b>	-20 to 80°C
<b>Applications</b>	Industrial, HVAC, Food

## Mechanical Specifications

<b>Probe Diameter</b>	6mm (12mm tip)
<b>Probe Length</b>	200mm
<b>Probe Sheath Material</b>	316SS
<b>Mounting Style</b>	Handheld
<b>Process Connection</b>	N/A
<b>Cable Length</b>	1m
<b>Cable Insulation Material</b>	Polyurethane

## Protection Category

<b>IP Rating</b>	Water resistant
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## Additional Information

<b>EAN</b>	5060379945451
<b>Custom Tariff Number</b>	90259000

## Classification

<b>eCI@ss Version</b>	32-12-03-90
<b>UNSPSC Version</b>	41112219

## Accessories

RS PRO Stock No.:	Accessory Description	Image

## Similar Products

Parameters	342-8956	342-8962	342-8978	255-550
Probe Type	Surface	Surface (high temp)	Surface (extra high temp)	Surface (bow probe)
Sensor Type	K type thermocouple	K type thermocouple	K type thermocouple	K type thermocouple
Temperature Measurement Range	-200 to 300°C	-50 to 600°C	0 to 1100°C	-50 to 200°C
Response Time	0.1 secs (96% of value on clean metal)	3 secs (96% of value on clean metal)	30 secs (96% of value on clean metal)	010 secs (96% of value on clean metal)
Connector Type	Mini plug	Mini plug	Mini plug	Mini plug
Dimensions	110 x 10mm	110 x 6mm	210 x 12mm	110 x 60mm
Mounting Style	Handheld	Handheld	Handheld	Handheld
Process Connection	N/A	N/A	N/A	N/A
Cable Length	2m coiled cable	2m coiled cable	2m coiled cable	2m coiled cable