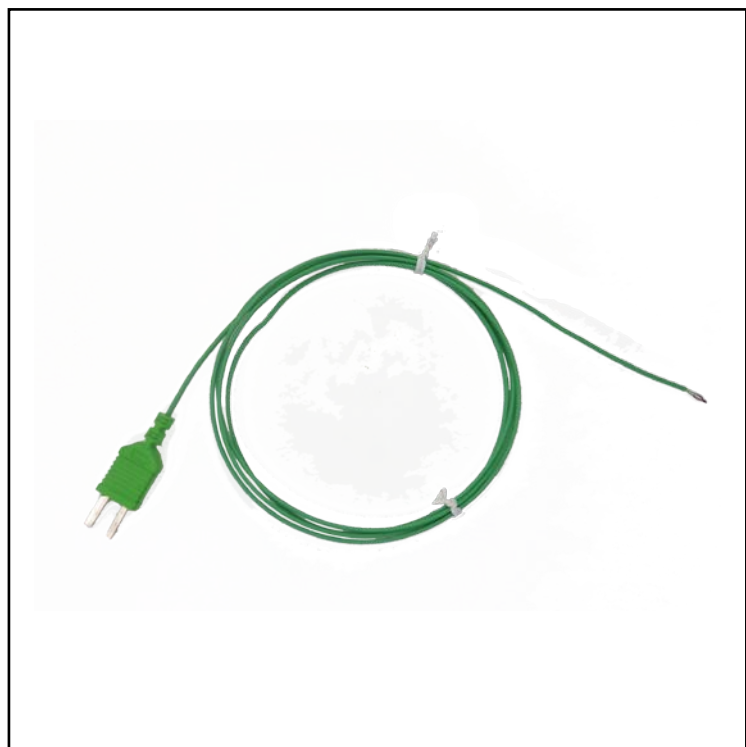


## FEATURES

- High accuracy K type thermocouple material throughout
- Bead welded sensing tip
- PFA insulated fine wire probe
- 1.5m length
- Terminated with moulded mini plug

## RS PRO K Type PFA Fine Wire Temperature Probe (1.5m)

RS Stock No.: 204-8391



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 sensor is constructed using a 1.5m length PFA K type thermocouple wire formed as a flat pair. A bead weld is manufactured at one end of the wire whilst the other end is terminated with a moulded mini thermocouple plug.

The probe is ideal for monitoring air and surface temperatures in a range of applications but is not suitable for liquids.

## General Specifications

<b>Series</b>	RS PRO
<b>Probe Type</b>	Fine wire
<b>Probe Tip type</b>	Bead weld
<b>Sensor Type</b>	K Type Thermocouple
<b>Minimum Temperature Measurement</b>	-200°C
<b>Maximum Temperature Measurement</b>	280°C
<b>Response Time</b>	0.1 secs (96% of value in moving gas)
<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>	-200 to 280°C
<b>Storage Temperature</b>	-20 to 80°C
<b>Applications</b>	Industrial, HVAC

## Mechanical Specifications

<b>Probe Diameter</b>	7/0.2mm
<b>Mounting Style</b>	Handheld
<b>Process Connection</b>	N/A
<b>Cable Length</b>	1.5m
<b>Cable Insulation Material</b>	PFA

## Protection Category

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

<b>EAN</b>	5060379945413
<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	204-8393	409-4908	479-1788	409-4920	479-1794
Probe Type	Fine wire (F/G)	Fine wire (PTFE)	Fine wire (PTFE)	Fine wire (F/G)	Fine wire (F/G)
Sensor Type	K type thermocouple	K type thermocouple	K type thermocouple	K type thermocouple	K type thermocouple
Temperature Measurement Range	-50 to 450°C	-100 to 250°C	-100 to 250°C	-50 to 450°C	-50 to 450°C
Response Time	0.1 secs (96% of value in moving gas)	0.1 secs (96% of value in moving gas)	0.1 secs (96% of value in moving gas)	0.1 secs (96% of value in moving gas)	0.1 secs (96% of value in moving gas)
Connector Type	Mini plug	Mini plug	Mini plug	Mini plug	Mini plug
Dimensions	800 x 0.2mm	1m x 0.2mm	3m x 0.2mm	1m x 0.2mm	3m x 0.2mm
Mounting Style	Handheld	Handheld	Handheld	Handheld	Handheld
Process Connection	N/A	N/A	N/A	N/A	N/A
Cable Length	800mm	1m	3m	1m	3m