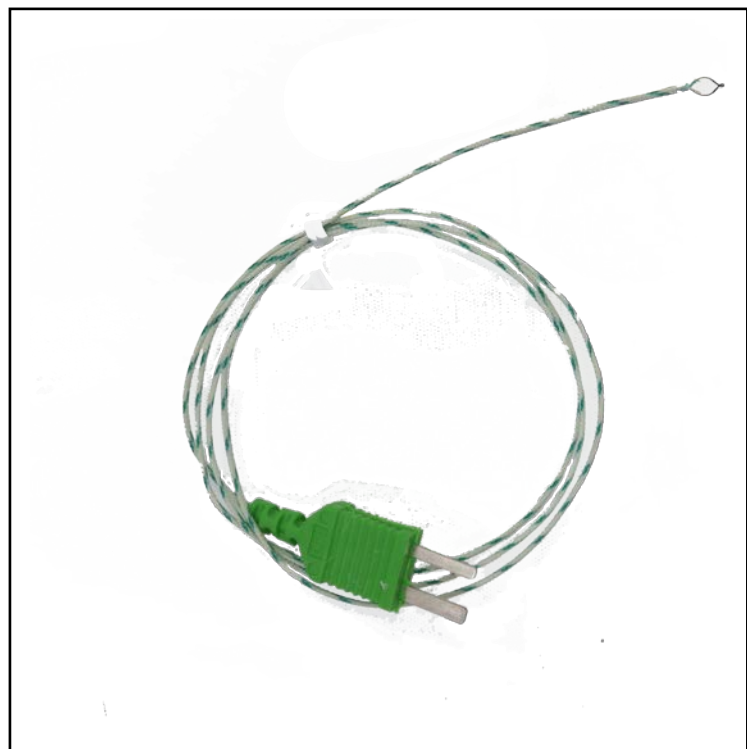


FEATURES

- High accuracy K type thermocouple material throughout
- Bead welded sensing tip
- Fibre glass insulated fine wire probe
- 800mm length
- Terminated with moulded mini plug

RS PRO K Type Fibre Glass Fine Wire Temperature Probe (800mm)

RS Stock No.: 204-8392



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 an 800mm length fibre glass insulated K type thermocouple wire. 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. The fibre glass insulation allows it to be used for high temperature applications such as monitoring commercial ovens.

General Specifications

Series	RS PRO
Probe Type	Fine wire
Probe Tip type	Bead weld
Sensor Type	K Type Thermocouple
Minimum Temperature Measurement	-50°C
Maximum Temperature Measurement	450°C
Response Time	0.1 secs (96% of value in moving gas)
Best Accuracy	±1.5°C (±0.25%)
Accuracy Class	Class I
Connector Type	Mini plug
Operating Temperature	-200 to 280°C
Storage Temperature	-20 to 80°C
Applications	Industrial, HVAC

Mechanical Specifications

Probe Diameter	0.2mm (without insulation)
Mounting Style	Handheld
Process Connection	N/A
Cable Length	800mm
Cable Insulation Material	Fibre glass

Protection Category

IP Rating	Water resistant
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Additional Information

EAN	5060379945390
Custom Tariff Number	90259000

Classification

eCI@ss Version	32-12-03-90
UNSPSC Version	41112219

Accessories

RS PRO Stock No.:	Accessory Description	Image

Similar Products

Parameters	204-8391	409-4908	479-1788	409-4920	479-1794
Probe Type	Fine wire (PFA)	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	-200 to 280°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	1.5m 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	1.5m	1m	3m	1m	3m