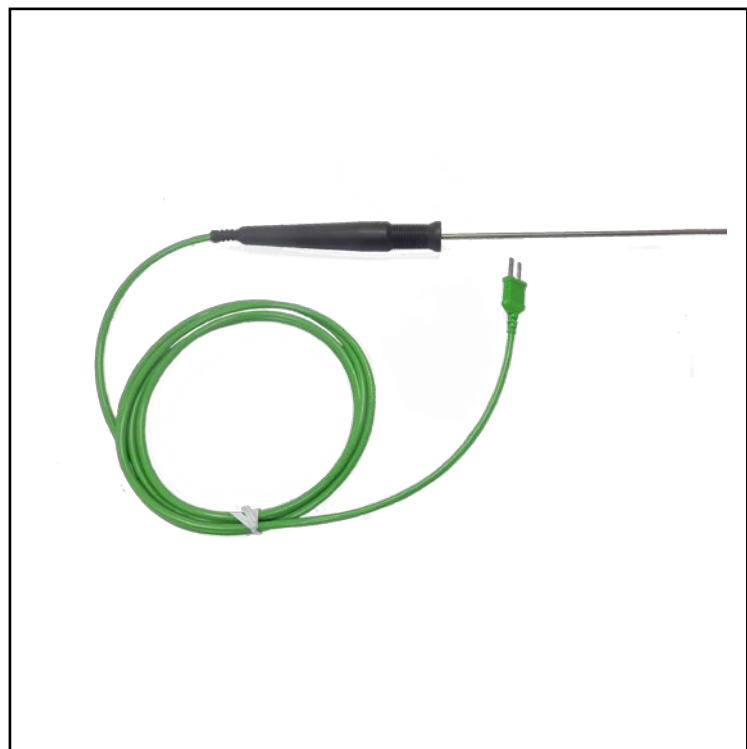


FEATURES

- High accuracy K type thermocouple material throughout
- Ideal for monitoring the temperature of liquid and gas
- Supplied with 1m cable
- Terminated with moulded mini plug

RS PRO K Type Immersion Temperature Probe (210 x 3mm)

RS Stock No.: 204-8390



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 mineral insulated stainless steel probe and can be used to monitor gas or liquids at very high temperature. This makes it ideal for industrial applications.

General Specifications

Series	RS PRO
Probe Type	Immersion (MI – uninsulated)
Probe Tip type	Domed
Sensor Type	K Type Thermocouple
Minimum Temperature Measurement	-200°C
Maximum Temperature Measurement	1100°C
Response Time	2 secs (96% of value in water)
Best Accuracy	±1.5°C (±0.25%)
Accuracy Class	Class I
Connector Type	Mini plug
Operating Temperature	-200 to 1100°C
Storage Temperature	-20 to 80°C
Applications	Industrial, HVAC

Mechanical Specifications

Probe Diameter	3mm
Probe Length	210mm
Probe Sheath Material	316SS
Mounting Style	Handheld
Process Connection	N/A
Cable Length	1m
Cable Insulation Material	Polyurethane

Protection Category

IP Rating	Waterproof
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Additional Information

EAN	5060379945512
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	255-594	255-588	342-8883	342-8899	342-8928	342-8912	342-8906	342-8940
Probe Type	Immersion (fine extended)	Immersion (extended)	Immersion (fine)	Immersion	Immersion (extended)	Immersion (fine)	Immersion	Immersion (extended)
Sensor Type	K type thermocouple	K type thermocouple	K type thermocouple	K type thermocouple	K type thermocouple	T type thermocouple	T type thermocouple	T type thermocouple
Temperature Measurement Range	-200 to 1100°C	-200 to 1100°C	-200 to 1100°C	-200 to 1100°C	-200 to 1100°C	-200 to 400°C	-200 to 400°C	200 to 400°C
Response Time	1 secs (96% of value in water)	10 secs (96% of value in water)	1 secs (96% of value in water)	1 secs (96% of value in water)	2 secs (96% of value in water)	1 secs (96% of value in water)	2 secs (96% of value in water)	2 secs (96% of value in water)
Connector Type	Mini plug	Mini plug	Mini plug	Mini plug	Mini plug	Mini plug	Mini plug	Mini plug
Dimensions	300 x 1.5mm	5000 x 6mm	100 x 1.5mm	100 x 3mm	300 x 3mm	100 x 1.5mm	100 x 3mm	300 x 3mm
Mounting Style	Handheld	Handheld	Handheld	Handheld	Handheld	Handheld	Handheld	Handheld
Process Connection	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cable Length	2m coiled cable	2m coiled cable	2m coiled cable	2m coiled cable	2m coiled cable	2m coiled cable	2m coiled cable	2m coiled cable