

#### **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.

## **Temperature Probes**



#### **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

# **Temperature Probes**



## **Protection Category**

IP Rating	Waterproof
3	

#### **Additional Information**

EAN	5060379945512	
Custom Tariff Number	90259000	

## Classification

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

#### **Accessories**

RS PRO Stock No.:	Accessory Description	Image

# **Temperature Probes**



## **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 thermocou ple	K type thermocou ple	K type thermocou ple	K type thermocou ple	K type thermocou ple	T type thermocou ple	T type thermocou ple	T type thermocou ple
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