

FEATURES

- High accuracy K type thermocouple material throughout
- 10mm magnetic tip
- Sprung loaded sensing tip
- Pull force of 2kg
- 2m coiled polyurethane cable
- Terminated with moulded mini plug

RS PRO K Type Magnet Surface Temperature Probe

RS Stock No.: 204-8396



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 probe features a 10mm button magnet which can be affixed to ferrous metal surfaces. Its wide temperature range allows it to be used for many different applications ranging from water pipe temperature through to exhaust pipe temperature.

General Specifications

Series	RS PRO
Probe Type	Surface
Probe Tip type	Magnetic
Sensor Type	K Type Thermocouple
Minimum Temperature Measurement	-200°C
Maximum Temperature Measurement	1372°C
Response Time	20 secs (96% of value on clean metal)
Best Accuracy	±1.5°C (±0.25%)
Accuracy Class	Class I
Connector Type	Mini plug
Operating Temperature	-50 to 70°C
Storage Temperature	-20 to 80°C
Applications	Industrial

Mechanical Specifications

Probe Diameter	10 mm
Probe Length	5 mm
Probe Sheath Material	316SS
Mounting Style	Handheld
Process Connection	N/A
Cable Length	2m coiled cable
Cable Insulation Material	Polyurethane

Protection Category

IP Rating	Water resistant
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Additional Information

EAN	5060379945376
Custom Tariff Number	90259000

Classification

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

Accessories

RS PRO Stock No.:	Accessory Description	Image

Similar Products

Probe

Parameters	204-8394	204-8397
Probe Type	Surface	Surface
Sensor Type	K type thermocouple	K type thermocouple
Temperature Measurement Range	-50 to 600°C	-50 to 600°C
Response Time	3 secs (96% of value on clean metal)	3 secs (96% of value on clean metal)
Connector Type	Mini plug	Mini plug
Dimensions	200 x 6mm	150 x 4mm
Mounting Style	Handheld	Handheld
Process Connection	N/A	N/A
Cable Length	2m coiled cable	2m coiled cable

Drawing/Accessories