

FEATURES

- Black stainless steel sphere designed to imitate a black body
- High accuracy K type thermocouple material throughout
- Ideal for applications within the gas, electricity or food industry
- Can also be used as a hypothermia alarm
- Supplied with 2m stainless steel braided cable and fitted with a mini plug

RS PRO K Type High Accuracy Black Body Probe 5.3cm Sphere

RS Stock No.: 2195351, 2195646



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 probe uses the principles of a black body to monitor ambient temperature of an environment. The probe is constructed from a black stainless steel sphere and supplied with 2m stainless steel braided cable which has been fitted with a mini plug.

The probe is ideal for applications within the gas, electricity or food industry. It can also be used as a hypothermia alarm.

General Specifications

Series	RS PRO
Probe Type	Black body
Probe Tip type	Sphere
Sensor Type	K Type Thermocouple
Minimum Temperature Measurement	-100°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	-100 to 450°C
Storage Temperature	-100 to 450°C
Applications	HVAC, Facilities Management, Scientific, Food

Mechanical Specifications

Probe Diameter	53mm
Probe Sheath Material	Stainless steel
Mounting Style	Fixed
Process Connection	N/A
Cable Length	2m
Cable Insulation Material	Stainless steel braid over fibre glass insulation

Protection Category

IP Rating	Water resistant
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Additional Information

EAN	5060379946021
Custom Tariff Number	90259000

Classification

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