

FEATURES

- High accuracy thermistor sensor
- Ideal for the measurement of air and gas
- 2m coiled polyurethane cable
- Terminated with jack plug

RS PRO Thermistor Air Temperature Probe

RS Stock No.: 204-8387



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

A high accuracy air temperature probe which is manufactured with a straight handle for fine control and 2m durable polyurethane cable, terminated with a jack plug. This probe is ideal for high accuracy air measurement for facilities or scientific applications but not high temperature applications.

General Specifications

Series	RS PRO
Probe Type	Air
Probe Tip type	Stainless steel perforated
Sensor Type	2k2 NTC thermistor
Minimum Temperature Measurement	-50°C
Maximum Temperature Measurement	+150°C
Response Time	3 sec
Best Accuracy	±0.2°C (±0.15%)
Connector Type	¼ two-pole jack plug
Operating Temperature	-50 to +150°C
Storage Temperature	-20 to +80°C
Applications	Scientific, HVAC

Mechanical Specifications

Probe Diameter	4mm
Probe Length	110mm
Probe Sheath Material	316SS
Mounting Style	Connector
Process Connection	¼ two-pole jack plug
Cable Length	2m
Cable Insulation Material	Polyurethane

Protection Category

IP Rating	Water resistant
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Additional Information

EAN	5060379945765
Custom Tariff Number	90259000

Classification

eCI@ss Version	32-12-03-90
UNSPSC Version	41112211

Accessories

RS PRO Stock No.:	Accessory Description	Image

Similar Products

Parameters	204-8389	204-8388
Probe Type	Surface/Air	Needle
Sensor Type	2k2 NTC	2k2 NTC
Temperature Measurement Range	-50 to +150°C	-50 to +150°C
Response Time	10 secs	10 secs
Connector Type	Jack plug	Jack plug
Dimensions	85 x 5mm (approx.)	115 x 3.3mm
Mounting Style	N/A	N/A
Process Connection	N/A	N/A
Cable Length	2m	2m

Technical Drawing

