

FEATURES

- High accuracy PT100 sensor
- Ideal for the measurement of air and gases
- 2m coiled polyurethane cable
- Terminated with DIN type connection

RS PRO PT100 Air Temperature Probe

RS Stock No.: 204-8383



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 DIN type plug. This probe is ideal for high accuracy air measurement for facilities or scientific applications.

General Specifications

Series	RS PRO
Probe Type	Air
Probe Tip type	Stainless steel perforated
Sensor Type	PT100
Minimum Temperature Measurement	-50°C
Maximum Temperature Measurement	+500°C
Response Time	3 sec
Best Accuracy	±0.15 (±0.2%)
Accuracy Class	Class A
Connector Type	DIN
Operating Temperature	-50 to +500°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	DIN
Cable Length	2m
Cable Insulation Material	Polyurethane

Protection Category

IP Rating	Water resistant
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Additional Information

EAN	5060379945734
Custom Tariff Number	90259000

Classification

eCI@ss Version	32-12-03-90
UNSPSC Version	41112225

Accessories

RS PRO Stock No.:	Accessory Description	Image

Similar Products

Parameters	204-8386	204-8384
Probe Type	Immersion	Needle
Sensor Type	PT100	PT100
Temperature Measurement Range	-50 to +500°C	-50 to +500°C
Response Time	10 secs	10 secs
Connector Type	DIN	DIN
Dimensions	100 x4mm	115 x 3.3mm
Mounting Style	N/A	N/A
Process Connection	N/A	N/A
Cable Length	2m	2m

Technical Drawing

