FEATURES

- High accuracy PT100 sensor

- Ideal for the core measurement of psemi-solid products

- 2m coiled polyurethane cable

- Terminated with DIN type connection

RS PRO PT100 Needle Temperature Probe

RS Stock No.: 204-8384

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 needle temperature probe which is manufactured with a bulbous handle for ease of penetration into the product and 2m durable polyurethane cable, terminated with a DIN type plug. This probe is ideal for high accuracy core measurement of semi-solid products and suitable for food or scientific applications.

General Specifications

Series	RS PRO
Probe Type	Insertion
Probe Tip type	Needle
Sensor Type	PT100
Minimum Temperature Measurement	-50ºC
Maximum Temperature Measurement	+500ºC
Response Time	10 sec
Best Accuracy	±0.15 (±0.2%)
Accuracy Class	Class A
Connector Type	DIN
Operating Temperature	-50 to +500ºC
Storage Temperature	-20 to +80ºC
Applications	Food, HVAC

Mechanical Specifications

Probe Diameter	3.3mm
Probe Length	115mm
Probe Sheath Material	316SS
Mounting Style	Connector
Process Connection	DIN
Cable Length	2m
Cable Insulation Material	Polyurethane

Protection Category

IP Rating	Water resistant

Additional Information

EAN	5060379945758
Custom Tariff Number	90259000

Classification

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

Accessories

RS PRO Stock No.:	Accessory Description	Image

Similar Products

Parameters	204-8383	204-8386
Probe Type	Air	Immersion
Sensor Type	PT100	PT100
Temperature Measurement Range	-50 to +500ºC	-50 to +500ºC
Response Time	3 secs	10 secs
Connector Type	DIN	DIN
Dimensions	110 x4mm	100 x 4mm
Mounting Style	N/A	N/A
Process Connection	N/A	N/A
Cable Length	2m	2m

Technical Drawing