FEATURES

- High accuracy thermistor sensor

- Ideal for the core measurement of semi-solid products

- 2m coiled polyurethane cable

- Terminated with jack plug

RS PRO Thermistor Needle Temperature Probe

RS Stock No.: 204-8388

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 jack plug. This probe is ideal for high accuracy core temperature measurement for food or scientific applications but not high temperature applications.

General Specifications

Series	RS PRO
Probe Type	Insertion
Probe Tip type	Needle
Sensor Type	2k2 NTC thermistor
Minimum Temperature Measurement	-50ºC
Maximum Temperature Measurement	+150ºC
Response Time	10 sec
Best Accuracy	±0.2ºC (±0.15%)
Connector Type	¼ two-pole jack plug
Operating Temperature	-50 to +150ºC
Storage Temperature	-20 to +80ºC
Applications	Scientific, Food

Mechanical Specifications

Probe Diameter	3.3mm
Probe Length	115mm
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

Additional Information

EAN	5060379945789
Custom Tariff Number	90259000

Classification

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

Accessories

RS PRO Stock No.:	Accessory Description	Image

Similar Products

Parameters	204-8389	204-8387
Probe Type	Surface/Air	Air
Sensor Type	2k2 NTC	2k2 NTC
Temperature Measurement Range	-50 to +150ºC	-50 to +150ºC
Response Time	10 secs	3 secs
Connector Type	Jack plug	Jack plug
Dimensions	85 x 5mm (appox.)	110 x 4mm
Mounting Style	N/A	N/A
Process Connection	N/A	N/A
Cable Length	2m	2m

Technical Drawing