FEATURES

- ºC/ºF switchable

- Resolution of 0.1º

- User configurable auto switch off capability

- Overrange/open circuit sensor indication

- Low battery indication

- Supplied complete with shock resistant rubber boot

- Waterproof casing

RS PRO High Accuracy Thermistor Thermometer

RS Stock No.: 204-8416

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.

Digital Thermometer

Product Description

An easy to use, low cost high accuracy microprocessor based thermistor instrument with a measurement range of -50 to +150ºC and an operating range of -30 to 50ºC.

This thermometer can be used for a range of applications but is particularly suited to medical applications. It is not suitable for high temperature applications.

General Specifications

Series	RS PRO
Model Number	204-8416
Thermometer Type	Handheld
Probe Type	2k2 NTC Thermistor
Number of Temperature Inputs	One
Absolute Maximum Temperature Measurement	150ºC
Temperature Scale	Centigrade/Fahrenheit
Display type	LCD
Resolution	0.1º
Best Accuracy	±0.2ºC
Temperature Coefficient	0.001% of reading /ºC
Temperature Scale	ITS-90
Data Storage Memory	No
Minimum/Maximum Recordings	No
Automatic Shut-Off	10 Min (user configurable)
Intrinsically Safe	No
RF Communications	No
RF Communication range	No
Calibrated Certificate	No
Operating Temperature	-30 to 50ºC
Storage Temperature	-40 to 50ºC
Operating Humidity	0% to 70% RH
Applications	Food Industry/Medical

Electrical Specifications

Battery Type	9V PP3
Battery Life	Greater than 200 hours (alkaline)
Plug Type	¼" Jack Plug

Mechanical Specifications

Housing Material	ABS
Dimensions	130 x 70 x 33 mm
Length	130 mm
Width	70 mm
Height	33 mm
Weight	155 g

Protection Category

IP Protection	Waterproof enclosure
Pollution Degree	Dustproof enclosure

Additional Information

EAN	5060379945260
Custom Tariff Number	9021980

Classification

eCl@ss	32-12-03-06
UNSPSC	41112213

Approvals

Compliance/Certifications	CE
Declarations	No
Hazardous Area Certification	No

<u>Accessories Included</u>

- User manual
- 1 x 9V PP3 battery
- Shock resistant rubber boot