

FEATURES

- °C/°F/°A switchable
- Measurement range - 200 to 850°C
- Resolution of 0.1° to 1000° autoranging
- Max/min/hold functions with dual display
- Three or four wire measurement modes
- User configurable auto switch off capability
- Full retention of sensor type and temperature scale
- Overrange/open circuit sensor indication
- Low battery indication
- Supplied complete with shock resistant rubber boot

RS PRO High Accuracy PT100 Thermometer

RS Stock No.: 204-8409



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 very high accuracy, microprocessor driven PT100 thermometer with a measurement range of -200°C to 850°C and additional functions such as min/max and hold. This thermometer also features a dual display which allows for these functions to be shown on the secondary display whilst real time measurement continues to be displayed.

This PT100 thermometer is suitable for a range of applications which require very high accuracy but are relatively low temperature.

General Specifications

Series	RS PRO
Model Number	204-8409
Thermometer Type	Handheld
Probe Type	PT100
Number of Temperature Inputs	One
Absolute Maximum Temperature Measurement	850°C
Temperature Scale	Centigrade/Fahrenheit/ Absolute
Display type	LCD
Resolution	Resolution of 0.1° to 1000°
Best Accuracy	Less than 0.05°C
Temperature Coefficient	0.01% of reading /°C
Temperature Scale	ITS-90
Data Storage Memory	No
Minimum/Maximum/Hold Functions	Yes
Automatic Shut-Off	10 Min (user configurable)
Intrinsically Safe	No
RF Communications	No
RF Communication range	No
Calibrated Certificate	No
Operating Temperature	-30 to 50°C
Storage Temperature	-40 to 50°C
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	DIN type

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	5060379945239
Custom Tariff Number	90251980

Classification

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

Approvals

Compliance/Certifications	CE
Declarations	No
Hazardous Area Certification	No

Accessories Included

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

PIN Connections

Connector Pin No	1	2	3	4
Function	I+	V+	V-	I-

Note: for 3 wire systems please link V- and I-