FEATURES

- Operating temperature range from -50°C to 150°C

- Teflon insulated lead for added durability

- Has resistance to many oils & chemicals

- Conforms to IEC751 standards.

RS PRO 2 wire PT1000 Sensor, -50°C min +150°C max, 30mm Probe Length x 15mm Probe Diameter

RS Stock No.: 762-1130

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

From the trusted brand RS PRO, comes a high quality and great value PT1000 PRT (Platinum resistance thermometer) silicone patch sensor. Encapsulated in a silicone rubber patch with a self-adhesive aluminium foil backing, this PRT is a fantastic solution to temperature measurement.

General Specifications

Sensor Type	PT1000
Probe Material	Aluminium Foil Backing, Silicone Rubber
Number Of Wires	2
Accuracy	Class B
Construction	Element encapsulated in a silicone rubber patch with self-adhesive aluminium foil backing
Vibration Resistant	Yes
Applications	Platinum resistance thermometers have a variety of application use such as:Heating, Air conditioning, Stoves and grills, Food processing, Energy

Electrical Specifications

Ice point resistance	1000Ω
Fundamental interval (0°C to 100°C	385Ω (nominal)
Self-heating	<0.5°C/mW
Stability	±0.05%
Measuring current	1mA

Mechanical Specifications

Patch dimensions	Length 30mm x Width 15mm x Height 4mm
Probe Length	30mm
Probe Diameter	15mm
Termination Type	2 wire tails
Cable Length	1m
Process Connection	Patch Sensor

Operation Environment Specifications

Minimum Temperature Sensed	-50°C
Maximum Temperature Sensed	150°C

Approvals

Compliance/Certifications	IEC751

Product code	Cable length		Allied Code	RS order code
RTF-1000-S2B-1.0-C8	1 metre		70651744	**762-1130**