

FEATURES

- Rapid, reliable temperature sensing on ferrous surfaces
- 1" diameter (3kg pull)
- The International Electrotechnical Commission (IEC) is an international standards organisation that prepares and publishes international standards.

IEC Magnet Thermocouple with Standard Thermocouple Type K Plug 2m

RS Stock No.: 2522419



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

- Strong magnet housing type K thermocouple
- stainless steel over-braided PFA Teflon® cable fitted with standard plug
- Temperature rating -50°C to +250°C
- Rapid, reliable temperature sensing on ferrous surfaces
- Grounded measuring junction

General Specifications

Thermocouple Type	Type K
Temperature Measurement Range	-50°C to + 250°C
Construction	Thermo-element located in 1" diameter magnet
Measuring Junction	Grounded at tip
Standards Met	IEC
Application	Ideal for ferrous metal surface measurement

Mechanical Specifications

Maximum Pull	3.4kg
Termination Type	Standard Plug
Compensating Cable Length	2m
Cable Insulation	stainless steel over-braided PFA cable

Approvals

Compliance/Certifications	RoHS Compliant
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Similar Products Range

	1m	2m
Miniature Plug	131-4735	762-1115
Standard Plug	2522418	2522419

RS Components is a leading provider for Automation and Control Gear, below is a selection of best selling products:

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Temperature.
It matters



Exposed Junction Thermocouples

Including exposed junctions with fitted or moulded miniature plug and insulated leads, ideal for test and development applications. 1, 2, 3, 5 & 10m lengths available in IEC or ANSI colours.



Thermocouple & PRT Cable

Thermocouple cables are available in IEC or ANSI colour codes. Insulation types include PFA, PTFE, PVC & Fibreglass. Available spool lengths include 10, 25, 50, 100 and 200m.

Best Sellers



ANSI Type K Exposed Junction
RS 814-0134
Allied 70656459



ANSI Type K High Temp Exposed Junction
RS 131-4749
Allied 71080908



IEC Type K Exposed Junction
RS 363-0250
Allied 70643600

Best Sellers



IEC PVC Insulated Flat Pair
RS 219-4573
Allied 70641630



ANSI PFA Insulated Twin Twisted
RS 814-0030
Allied 70656106



IEC Glassfibre Insulated Flat Pair
RS 236-3836
Allied 70641730

Calibration

Whether it's existing equipment or a new purchase, you need to have confidence in the accuracy of your measurements.

That's where our calibration service can help.

Purchase new products with confidence.

A certificated calibrated sensor straight out of the box, ready to use.



RTD Detectors

Wire-wound type provides greater accuracy and stability but are vulnerable to shock.

Flat film type are resistant to shock and have quicker thermal response times.

Various lengths and diameters available, in class A, B and 1/10th Din.

Best Sellers



ANSI SYSCAL Type K Mineral Insulated Thermocouple
RS 181-7296



IEC SYSCAL Type K Mineral Insulated Thermocouple
RS 181-7288



IEC SYSCAL Type J Mineral Insulated Thermocouple
RS 181-7305

Best Sellers



PT1000 Thin Film Detector
RS 362-9907
Allied 70643582



PT100 Wire Wound Detector
RS 611-7839
Allied 70646151



PT100 Wire Wound Detector
RS 362-9799
Allied 70643577



Fabricated and Specialist Thermocouples

Styles include; Magnet, Washer, Nozzle, Leaf, Bayonet & Bolt thermocouple. Various lengths and calibration types available.

Best Sellers



Magnet Thermocouple
RS 762-1115
Allied 70651739



Heavy Duty Thermocouple
RS 762-1128
Allied 70651743



Rubber Patch Thermocouple
RS 290-5036
Allied 70642886

Best Sellers



Thermocouple Connectors

Range of miniature or standard thermocouple connectors. Available in thermocouple types K, J, T, E, N, RS, B, and copper. IEC, ANSI & JIS colour codes available.



IEC Thermocouple Plug
RS 455-9764
Allied 70644391



ANSI Thermocouple Socket
RS 769-1127
Allied 70652125



IEC Thermocouple PCB Socket
RS 381-7570
Allied 70643749

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Mineral Insulated Thermocouples

Available in various calibration types with a variety of terminations. These include; Thermocouple plugs, Terminal heads and Thermocouple cable



Sensors with Industrial Terminal Heads

Industrial sensors housed in a stainless steel sheath and terminal head protection to IP67. Available as a thermocouple or Pt100.



L60 Fine Wire Thermocouple Welder

The Thermocouple Welder is a compact, simple-to-use instrument designed for thermocouple and fine wire welding. Supplied with foot switch, spare electrodes, pliers & safety glasses, impact clip and pen plate.

Best Sellers



IEC Thermocouple with PTFE Cable
RS 397-1236
Allied 70643843



IEC Thermocouple with Mini Plug
RS 397-1488
Allied 70643863



ANSI Thermocouple with PFA Cable
RS 847-1019
Allied 70658112

Best Sellers



Type K 300mm Long
RS 787-7829
Allied 70653306



Type K 200mm Long
RS 787-7816
Allied 70653303



Type K 100mm Long
RS 787-7804
Allied 70653235

Best Sellers



L60 Fine Wire Thermocouple Welder
RS 363-0351
Allied 70825788



NEW PRODUCTS

Brake Pad Temp Sensor
RS 200-0601
Allied 72173869



RTD Temp Sensor Hirschmann Style
RS 200-0594
Allied 72173862



Washer Thermocouple
RS 200-0616
Allied 72173882

NEW PRODUCTS

RS PRO, the own brand of RS Components, offers an unbeatable range of products across all industries with quality you can trust.

New products are constantly added to improve the offering of our product range.

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