

FEATURES

- Stainless steel probe 4.5mm x 150mm
- Grounded measuring junction
- The International Electrotechnical Commission (IEC) is an international standards organisation that prepares and publishes international standards.

IEC Heavy Duty Thermocouple with Stainless steel probe 4.5mm x 150mm with 1m of stainless steel over braided cable and Bare Tails Termination Type J

RS Stock No.: 2522421



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

Rugged thermocouple with stainless steel sheath.

General Specifications

Thermocouple Type	Type J
Temperature Measurement Range	-60°C to + 350°C
Probe Diameter	4.5mm
Probe Length	150mm
Cable Length	1m
Termination	Bare Tails

Mechanical Specifications

Cable Type	Glassfibre insulated lead with stainless steel overbraid
Core / Strands	7/0.2mm
Accuracy	Tolerance Class 2

Approvals

Compliance/Certifications	RoHS Compliant
Standards Met	IEC

Similar Products Range

Termination	1m		2m	
	Type K	Type J	Type K	Type J
Miniature Plug	2522422	2522424	2522426	2522425
Standard Plug	-	-	1314748	1314747
Bare Tails	2522420	2522421	7621128	2194725

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



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.

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



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

- 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



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.

Best Sellers

- 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

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



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.

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



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.

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



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

- L60 Fine Wire Thermocouple Welder**
RS 363-0351
Allied 70825788
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