



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



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 Pro 219-4573
- ANSI PTFE Insulated Twin Twisted**
RS Pro 814-0030
- IEC Glassfibre Insulated Flat Pair**
RS Pro 236-3836



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 Pro 455-9764
- ANSI Thermocouple Socket**
RS Pro 769-1127
- IEC Thermocouple PCB Socket**
RS Pro 381-7463



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 Pro 363-0351



Resistance Thermometer Detectors (RTD) / Platinum Resistance Thermometers (PRT)

To suit a wide range of applications and styles, available in class A or B.

Best Sellers

- Pt100 Heavy Duty Sensor Probe**
RS Pro 455-3968
- Pt100 Sensor in Stainless Steel Tube with Teflon Lead**
RS Pro 762-1143
- Pt100 Outdoor/ Cold Store Temperature Sensor**
RS Pro 455-4214



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 Pro 814-0134
- ANSI Type K High Temp Exposed Junction**
RS Pro 131-4749
- IEC Type K Exposed Junction**
RS Pro 363-0250



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

- PT1000 Thin Film Detector**
RS Pro 362-9907
- PT100 Wire Wound Detector**
RS Pro 611-7839
- PT100 Class A Thin Film Detector**
RS Pro 362-9799

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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 Pro 787-7829

Type K 200mm Long
RS Pro 787-7816

Type K 100mm Long
RS Pro 787-7804

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.

Best Sellers

Selected calibrated sensors:



ANSI SYSCAL Type K Mineral Insulated Thermocouple
RS Pro 181-7296

IEC SYSCAL Type K Mineral Insulated Thermocouple
RS Pro 181-7288

IEC SYSCAL Type J Mineral Insulated Thermocouple
RS Pro 181-7305



Brass or Stainless Steel Compression Fittings

Parallel, Tapered, NPT & 'M' Series Thread Fittings to suit a wide range of mineral insulated and other probe type sensors.

Best Sellers



Brass Compression Gland
RS Pro 286-721

Stainless Steel Compression Gland
RS Pro 286-743

Stainless Steel Thermopocket
RS Pro 286-923



Fabricated and Specialist Thermocouples

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

Best Sellers



Magnet Thermocouple
RS Pro 762-1115

Heavy Duty Thermocouple
RS Pro 762-1128

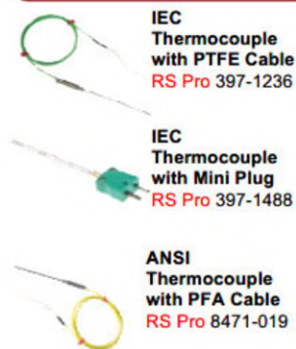
Rubber Patch Thermocouple
RS Pro 290-5036



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 Pro 397-1236

IEC Thermocouple with Mini Plug
RS Pro 397-1488

ANSI Thermocouple with PFA Cable
RS Pro 8471-019



Temperature.
It matters