

## FEATURES

- Ideal for test & development applications
- Miniature plug termination
- IEC colour coded
- The International Electrotechnical Commission (IEC) is an international standards organisation that prepares and publishes international standards.

# RS PRO PTFE Single Shot IEC Exposed Junction Thermocouple with Miniature Plug - Type T 2m (6.56ft)

RS Stock No.: 8722648



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 fast response PTFE insulated thermocouple, made from a unique single shot cable construction which provides a gas, steam and watertight insulation along the cable.

This sensor is ideally suited to temperature monitoring of test pieces in autoclave and aerospace applications.

## General Specifications

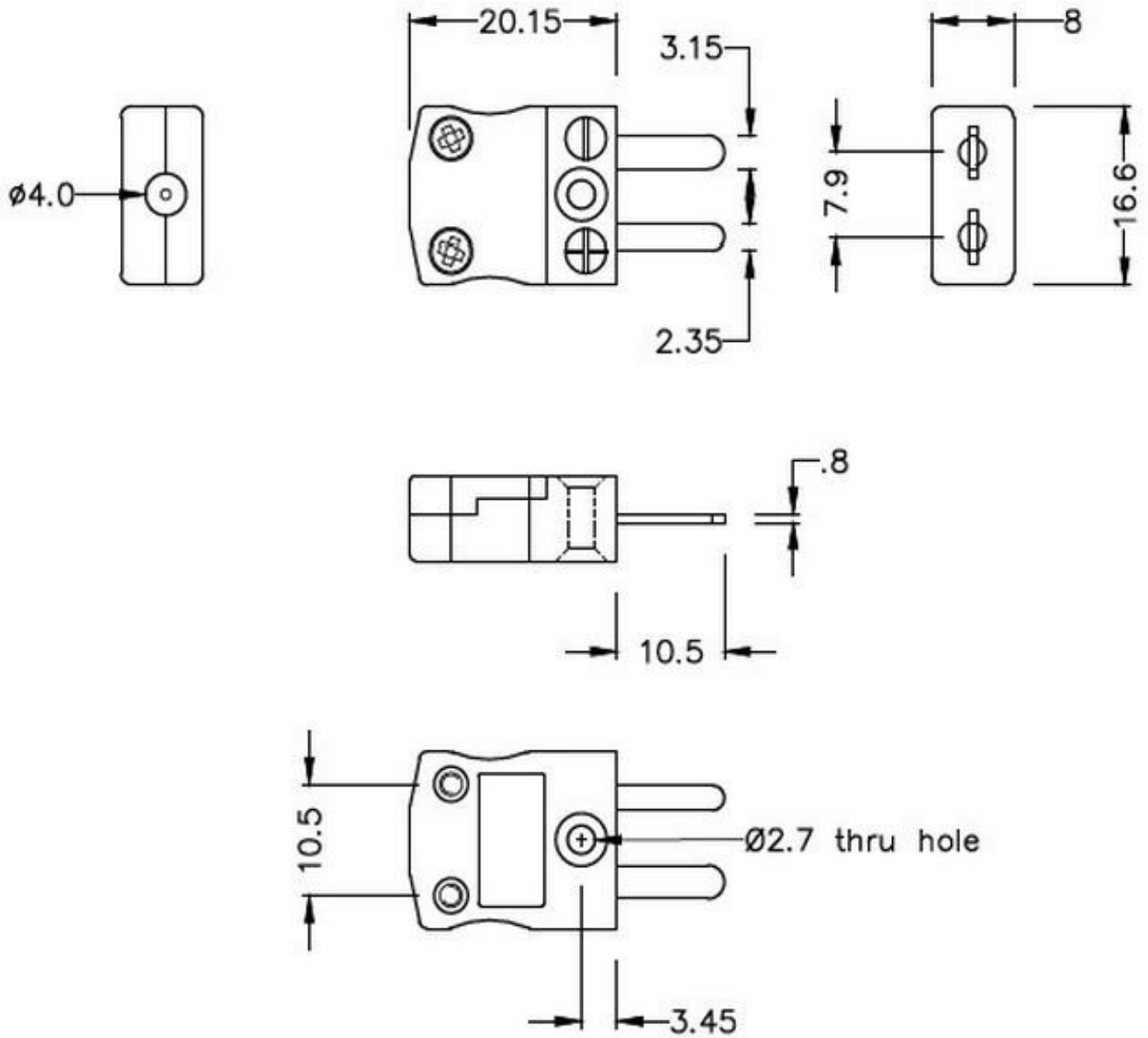
<b>General Description</b>	Unique single shot cable construction Resistant to chemicals, oils and fluids. Suitable for aerospace applications and is widely used in autoclaves.
<b>Sensor Type</b>	Exposed Junction
<b>Thermocouple Type</b>	T
<b>Cable Length</b>	2m (6.56ft)
<b>Cable Type</b>	PTFE
<b>Core / Strands</b>	1/0.376mm
<b>Termination Type</b>	Terminated with a miniature flat pin plug (Plug max temp 220°C / 428°F)
<b>Max. Temperature</b>	+250°C (+482°F)
<b>Standards Met</b>	IEC-584-3
<b>Connector Type</b>	Plug
<b>Connector Size</b>	Miniature

## Approvals

<b>RoHS Compliant</b>	Yes
<b>Standards Met</b>	IEC-584-3

## Similar Products Range

Thermocouple Type	Core / Strands	1m (3.3ft)	2m (6.56ft)	3m (9.84ft)	5m (16.4ft)	10m (32.8ft)
K	1/0.376mm	8722635	8722638	2209509	8722632	8722641
T	1/0.376mm	8722644	8722648	2209510	8722657	8722650

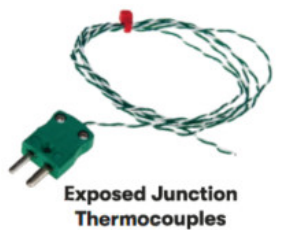


**Miniature in-line Plug**  
(dimensions in mm)

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.

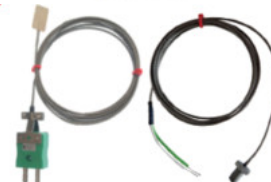
Various lengths and diameters available, in class A, B and 1/10th Din.

**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

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



### 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

**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.

- 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



[www.rspro.com](http://www.rspro.com)



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