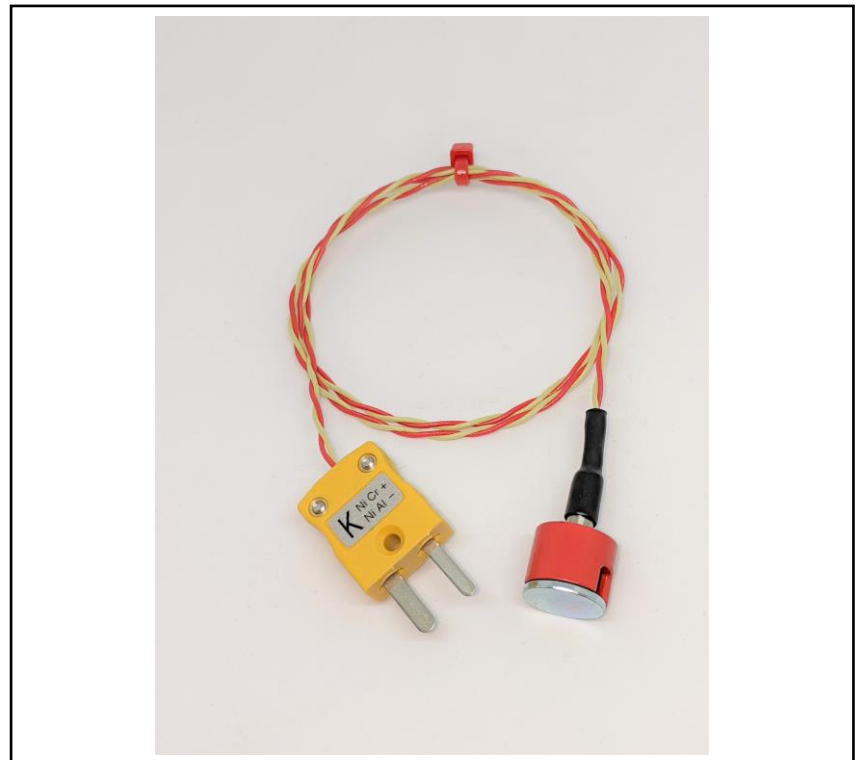


## FEATURES

- Ideal for ferrous metal surface measurement
- Spring loaded junction to ensure good contact
- Type K thermocouple to ANSI MC96.1

# ANSI BUTTON MAGNET THERMOCOUPLE TYPE K PFA TWIN TWISTED WITH MINIATURE PLUG 2m

RS Stock No.: 2318457



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

- *Button magnet thermocouple*
- *Ideal for ferrous metal surface measurement*
- *Spring loaded junction to ensure good contact*
- *PFA 7/0.2mm twin-twisted wires*
- *Fitted miniature plug (200°C)*
- *Sensor range to 250°C*

## General Specifications

<b>Thermocouple Type</b>	Type K
<b>Temperature Measurement Range</b>	-50°C to + 250°C
<b>Construction</b>	Thermo-element located in 1/2" diameter magnet
<b>Measuring Junction</b>	Grounded at tip
<b>Standards Met</b>	ANSI MC96.1
<b>Application</b>	Ideal for ferrous metal surface measurement

## Mechanical Specifications

<b>Probe Diameter</b>	12.5mm diameter button type magnet
<b>Maximum Pull</b>	0.7kg
<b>Termination Type</b>	Miniature Plug
<b>Compensating Cable Length</b>	2m
<b>Cable Insulation</b>	PFA













## Approvals



<b>Compliance/Certifications</b>	RoHS Compliant
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## Similar Products Range

	0.5m	1m	2m
<b>Cable Length</b>	2318458	2318456	2318457

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

<p style="text-align: center;"><b>rspro.com</b></p> <div style="text-align: center;">  </div> <p style="text-align: center;"><b>Temperature. It matters</b></p>	<p style="text-align: center;"><b>Calibration</b></p> <p>Whether it's existing equipment or a new purchase, you need to have confidence in the accuracy of your measurements.</p> <p>That's where our calibration service can help.</p> <p>Purchase new products with confidence.</p> <p>A certificated calibrated sensor straight out of the box, ready to use.</p>	<p style="text-align: center;"><b>Best Sellers</b> </p> <div style="display: flex; flex-direction: column;"> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p><b>ANSI SYSCAL Type K Mineral Insulated Thermocouple</b> RS 181-7296</p> </div> </div> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p><b>IEC SYSCAL Type K Mineral Insulated Thermocouple</b> RS 181-7288</p> </div> </div> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p><b>IEC SYSCAL Type J Mineral Insulated Thermocouple</b> RS 181-7305</p> </div> </div> </div>
<div style="display: flex;"> <div style="flex: 1;">  <p><b>Exposed Junction Thermocouples</b></p> <p>Including exposed junctions with fitted or moulded miniature plug and insulated leads, ideal for test and development applications.</p> <p>1, 2, 3, 5 &amp; 10m lengths available in IEC or ANSI colours.</p> </div> <div style="flex: 1;"> <p style="text-align: center;"><b>Best Sellers</b> </p> <div style="display: flex; flex-direction: column;"> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p><b>ANSI Type K Exposed Junction</b> RS 814-0134 Allied 70656459</p> </div> </div> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p><b>ANSI Type K High Temp Exposed Junction</b> RS 131-4749 Allied 71080908</p> </div> </div> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p><b>IEC Type K Exposed Junction</b> RS 363-0250 Allied 70643600</p> </div> </div> </div> </div> </div>	<div style="display: flex;"> <div style="flex: 1;">  <p style="text-align: center;"><b>RTD Detectors</b></p> <p>Wire-wound type provides greater accuracy and stability but are vulnerable to shock.</p> <p>Flat film type are resistant to shock and have quicker thermal response times.</p> <p>Various lengths and diameters available, in class A, B and 1/10th Din.</p> </div> <div style="flex: 1;"> <p style="text-align: center;"><b>Best Sellers</b> </p> <div style="display: flex; flex-direction: column;"> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p><b>PT1000 Thin Film Detector</b> RS 362-9907 Allied 70643582</p> </div> </div> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p><b>PT100 Wire Wound Detector</b> RS 611-7839 Allied 70646151</p> </div> </div> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p><b>PT100 Wire Wound Detector</b> RS 362-9799 Allied 70643577</p> </div> </div> </div> </div> </div>	<p style="text-align: center;"><b>Best Sellers</b> </p> <div style="display: flex; flex-direction: column;"> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p><b>Magnet Thermocouple</b> RS 762-1115 Allied 70651739</p> </div> </div> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p><b>Heavy Duty Thermocouple</b> RS 762-1128 Allied 70651743</p> </div> </div> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p><b>Rubber Patch Thermocouple</b> RS 290-5036 Allied 70642886</p> </div> </div> </div>
<p style="text-align: center;"><b>Best Sellers</b> </p> <div style="display: flex; flex-direction: column;"> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p><b>Fabricated and Specialist Thermocouples</b></p> <p>Styles include; Magnet, Washer, Nozzle, Leaf, Bayonet &amp; Bolt thermocouple. Various lengths and calibration types available.</p> </div> </div> </div>	<p style="text-align: center;"><b>Best Sellers</b> </p> <div style="display: flex; flex-direction: column;"> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p><b>Magnet Thermocouple</b> RS 762-1115 Allied 70651739</p> </div> </div> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p><b>Heavy Duty Thermocouple</b> RS 762-1128 Allied 70651743</p> </div> </div> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p><b>Rubber Patch Thermocouple</b> RS 290-5036 Allied 70642886</p> </div> </div> </div>	<p style="text-align: center;"><b>Best Sellers</b> </p> <div style="display: flex; flex-direction: column;"> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p><b>Magnet Thermocouple</b> RS 762-1115 Allied 70651739</p> </div> </div> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p><b>Heavy Duty Thermocouple</b> RS 762-1128 Allied 70651743</p> </div> </div> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p><b>Rubber Patch Thermocouple</b> RS 290-5036 Allied 70642886</p> </div> </div> </div>

 <p><b>Thermocouple &amp; PRT Cable</b></p> <p>Thermocouple cables are available in IEC or ANSI colour codes. Insulation types include PFA, PTFE, PVC &amp; Fibreglass. Available spool lengths include 10, 25, 50, 100 and 200m.</p>	<p><b>Best Sellers</b> </p> <p><b>IEC PVC Insulated Flat Pair</b> RS 219-4573 Allied 70641630</p> <p><b>ANSI PFA Insulated Twin Twisted</b> RS 814-0030 Allied 70656106</p> <p><b>IEC Glassfibre Insulated Flat Pair</b> RS 236-3836 Allied 70641730</p>	 <p><b>Thermocouple Connectors</b></p> <p>Range of miniature or standard thermocouple connectors. Available in thermocouple types K, J, T, E, N, RS, B, and copper. IEC, ANSI &amp; JIS colour codes available.</p>	<p><b>Best Sellers</b> </p> <p><b>IEC Thermocouple Plug</b> RS 455-9764 Allied 70644391</p> <p><b>ANSI Thermocouple Socket</b> RS 769-1127 Allied 70652125</p> <p><b>IEC Thermocouple PCB Socket</b> RS 381-7570 Allied 70643749</p>
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RS Components is a leading provider for Automation and Control Gear, below is a selection of best selling products:

 <p><b>Mineral Insulated Thermocouples</b></p> <p>Available in various calibration types with a variety of terminations. These include; Thermocouple plugs, Terminal heads and Thermocouple cable</p>	<p><b>Best Sellers</b> </p> <p><b>IEC Thermocouple with PTFE Cable</b> RS 397-1236 Allied 70643843</p> <p><b>IEC Thermocouple with Mini Plug</b> RS 397-1488 Allied 70643863</p> <p><b>ANSI Thermocouple with PFA Cable</b> RS 847-1019 Allied 70658112</p>	 <p><b>NEW PRODUCTS</b></p> <p>RS PRO, the own brand of RS Components, offers an unbeatable range of products across all industries with quality you can trust.</p> <p>New products are constantly added to improve the offering of our product range.</p>	<p><b>NEW PRODUCTS</b> </p> <p><b>Brake Pad Temp Sensor</b> RS 200-0601 Allied 72173869</p> <p><b>RTD Temp Sensor Hirschmann Style</b> RS 200-0594 Allied 72173862</p> <p><b>Washer Thermocouple</b> RS 200-0616 Allied 72173882</p>
 <p><b>Sensors with Industrial Terminal Heads</b></p> <p>Industrial sensors housed in a stainless steel sheath and terminal head protection to IP67. Available as a thermocouple or Pt100.</p>	<p><b>Best Sellers</b> </p> <p><b>Type K 300mm Long</b> RS 787-7829 Allied 70653306</p> <p><b>Type K 200mm Long</b> RS 787-7816 Allied 70653303</p> <p><b>Type K 100mm Long</b> RS 787-7804 Allied 70653235</p>	<p><a href="http://www.rspro.com">www.rspro.com</a></p>  <p><a href="http://www.alliedelec.com">www.alliedelec.com</a></p>	

## Best Sellers



**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.



**L60 Fine Wire Thermocouple Welder**

RS 363-0351  
Allied 70825788

