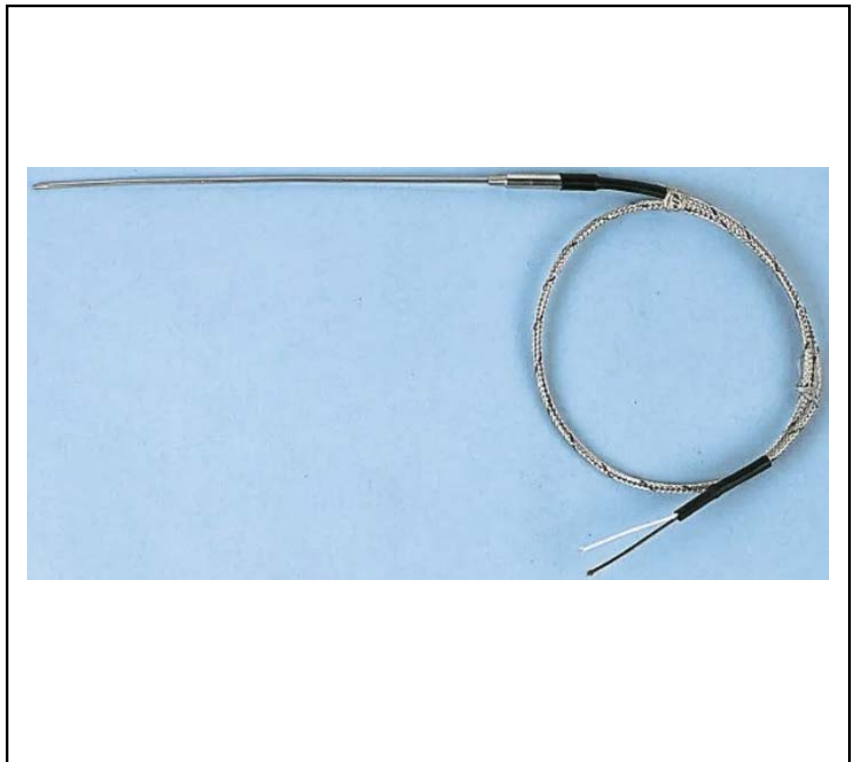


## FEATURES

- Type K thermocouple
- Bendable probe and non-removable in-line terminal
- 9-second response time
- Maximum operating temperature of +1000°C
- Probe diameter
- Probe length of 1.5 mm
- Cable length of 2 m
- Cable terminating
- Insulated with INCONEL® 600 steel braid
- Stringently tested to RoHS standards
- Comes with a 3-year warranty

## RS PRO Type K Thermocouple 1.5mm Length, 1.5mm Diameter → +1000°C

RS Stock No.: 334-2650



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

This robust Type K thermocouple from trusted brand RS PRO is commonly used to measure temperatures in hazardous or challenging environments. When the temperature changes at a cable junction, you can use this thermocouple to take a reading. It features a single twisted pair of thermocouple probes insulated with an Inconel® steel braid, which makes it resistant to high temperatures, oxidation and corrosion. With a maximum operating temperature of +1000°C, it's a versatile temperature sensor that can be used in a wide range of applications.

## General Specifications

<b>Thermocouple Type</b>	K
<b>Temperature Measurement Range</b>	+1000°C
<b>Construction</b>	Mineral insulated
<b>Measuring Junction</b>	Underground
<b>Accuracy</b>	±1.5°C
<b>Response Time</b>	9s
<b>Seebeck Coefficient</b>	25°C (77°F) = 40.50µV / °C
<b>Maximum Voltage</b>	41.276mV
<b>Transmitter</b>	None
<b>Application</b>	scientific, industrial and engineering equipment

## Mechanical Specifications

<b>Probe Diameter</b>	1.5mm
<b>Probe Length</b>	1.5mm
<b>Insertion Length</b>	250mm
<b>Probe Body Material</b>	Inconel 600
<b>Insulation / Sheath Material</b>	Glass Fibre
<b>Termination Type</b>	Cable
<b>Compensating Cable Length</b>	2m
<b>Cable Insulation</b>	MgO insulation

## Approvals

Compliance/Certifications	EN61340
Standards Met	RoHS

