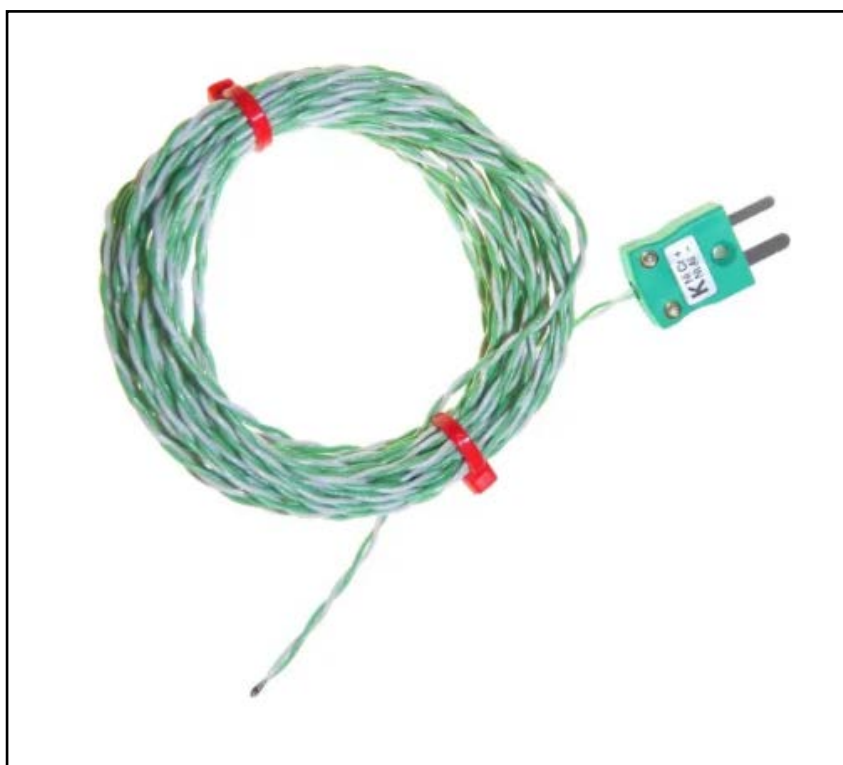


FEATURES

- Type K thermocouple certified as IEC 584 Class 1
- Fast response, welded exposed junction
- Insulated with Teflon® PFA
- Miniature plug termination type
- Cable length of 3 m
- Maximum temperature sensed is +250°C
- Stringently tested to EN 60584-3:2008 and IEC 584-3

RS PRO Type K Thermocouple → +250°C

RS Stock No.: 136-5882



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 Type K thermocouple from the RS PRO range is a robust device used to measure temperatures in scientific and engineering environments. It's part of our stringently tested RS PRO series. Thermocouples twist two dissimilar metal wires into a single electrical junction. When temperature changes at the junction, the cable automatically takes a reading. It has an operating range of -75°C to +250°C, so it's useful for a variety of applications.

General Specifications

Thermocouple Type	K
Temperature Measurement Range	+250°C
Construction	Mineral insulated
Measuring Junction	Exposed
Accuracy	±1.5°C
Seebeck Coefficient	25°C (77°F) = 40.50µV / °C
Maximum Voltage	16.397mV
Transmitter	None
Application	scientific, industrial and engineering equipment

Mechanical Specifications

Probe Diameter	0.5mm
Probe Length	1mm
Probe Body Material	Teflon PFA
Insulation / Sheath Material	PFA
Termination Type	Miniature Plug
Compensating Cable Length	3m

Approvals

Compliance/Certifications	IEC 584 Class 1
Standards Met	EN 60584-3:2008, IEC 584-3