

FEATURES

- Welded, exposed junction
- Class 1 tolerance
- Waterproof plug

RS PRO Type K Thermocouple 1m Length, 0.2mm Diameter -50°C → +250°C

RS Stock No.: 409-4908



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

From RS Pro a range of type K fine wire thermocouple temperature sensors with a Class 1 tolerance for optimum accuracy. These bare wire thermocouple temperature sensors have a durable construction with PTFE or glass fibre insulation. One end of the wire is terminated with a moulded plug that provides a quick and easy connection that is also waterproof. The exposed junctions of these Type K thermocouples means they have both increased sensitivity and a fast response time

General Specifications

Thermocouple Type	Type K
Temperature Measurement Range	-50°C to 250°C
Construction	Fine Wire Sensor
Measuring Junction	Exposed
Accuracy	±1.5°C
Response Time	0.1s
Transmitter	None
Calibration Availability	Yes
Application	Construction, paper, electronic and packaging industries.

Mechanical Specifications

Probe Diameter	0.2mm
Probe Length	1m
Probe Body Material	Nickel Aluminium, Nickel Chrome
Insulation / Sheath Material	PTFE
Termination Type	Miniature Plug
Compensating Cable Length	1m
Cable Insulation	PTFE

Approvals

Compliance/Certifications	BS EN 61340-5-1
Standards Met	RoHS Compliant