

# Mineral Insulated Thermocouple with Threaded Pot Seal



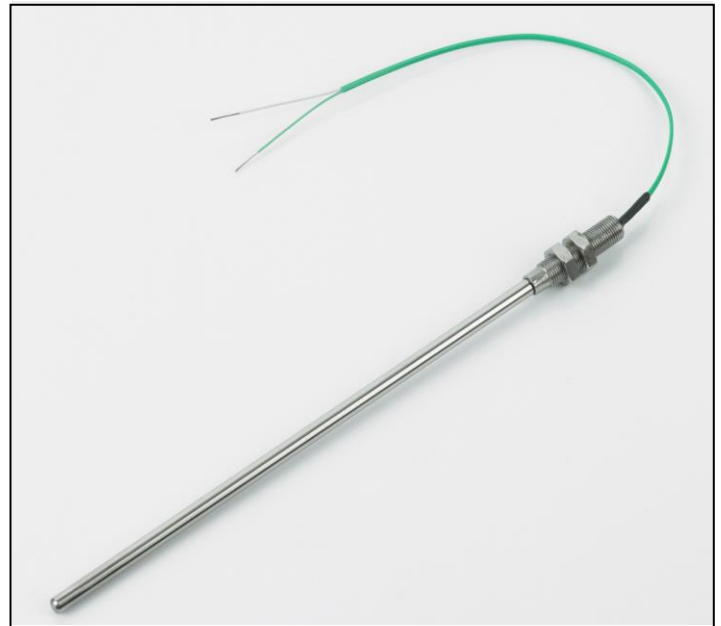
Made in the UK 

## Description

Mineral insulated thermocouple with threaded pot seal for connection into a process.

Mineral insulated thermocouples have a wide temperature range capability from -200 to above 1200°C and are very robust, making them ideal for demanding applications. Although shown straight, mineral insulated thermocouples can be bent around formers (with a radius of three times the probe diameter) and at angles and shapes to suit the application. They are generally manufactured with an insulated (ungrounded) junction which reduces any electrical interference and provides a stable reading. They are also available with grounded or exposed tips and sheath materials of stainless steel, Inconel or Nicrosil.

The pot seal has a M8 thread for connection into a process and 1 metre of PFA flat twin lead wire and stripped tails for connection to terminals or plugs. For more information on the advantages of mineral insulated thermocouples, please see our technical reference section.



## Specification

Product	Mineral Insulated Thermocouple with Threaded Pot Seal
Type	K, T, J or N
Temp Range	-200 to +1200°C dependant on sheath material and thermocouple type
Temp (pot)	Max 100°C (pot & lead)
Probe Length	100, 150, 300 & 500, 1000 & 2000mm standard or to order
Diameter	1.0, 1.5, 3.0, 4.5 & 6mm
Material	316 stainless steel, Inconel 600, Nicrosil
Accuracy	Class 1
Termination	TMTP

## Features

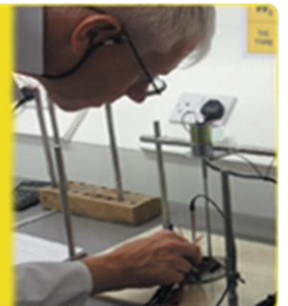
- Wide temperature range capability
- Can be formed and shaped to fit the process
- Insulated, grounded and exposed tips available
- Threaded pot and lead for connection in bulkheads
- Wide range of lengths and diameters

## Application

- Drying ovens
- Engine testing
- Temperature profiling

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