

# Mineral Insulated Thermocouple with Mini-Plug



Made in the UK 

## Description

Mineral insulated thermocouple terminated with a mini plug for use in a process or with hand held instrumentation.

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 polarised mini plug allows quick and simple connection and interchange. For more information on the advantages of mineral insulated thermocouples, please see our technical reference section.



## Specification

Product	Mineral Insulated Thermocouple with Mini-Plug
Type	K, T, J or N
Temp Range	-200 to +1200°C dependant on sheath material and thermocouple type
Temp (Plug)	Max 200°C (connector)
Probe Length	100, 150, 300 & 500, 1000 & 2000mm standard or to order
Diameter	1.0mm, 1.5mm, 3.0mm
Material	310 stainless steel, Inconel 600, Nicrosil
Accuracy	Class 1
Termination	Polarised mini plug
Part Number	TMMIM

## Features

- Wide temperature range capability
- Can be formed and shaped to fit the process
- Insulated, grounded and exposed tips available
- Polarised mini plug connection
- Wide range of lengths and diameters

## Application

- Heat treatment
- Engine test applications
- High temperature furnace

Want to learn more?

Visit our technical reference pages.



For more information visit:

[sterlingsensors.co.uk](http://sterlingsensors.co.uk)



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