

Mineral Insulated Thermocouple with Standard Plug



Made in the UK 

Description

Mineral insulated thermocouple terminated with a standard plug

Mineral insulated thermocouples have an operating temperature range from -200 to above 1200°C making them ideal for heat treatment 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 standard 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 Standard 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, 3000mm standard or to order
Diameter	1.5mm, 3.0mm, 4.5mm & 6mm
Material	316 Stainless Steel, Inconel 600, Nicrosil
Accuracy	Class 1
Termination	Polarised standard plug
Part Number	TMMIS

Features

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

Application

- Temperature profiling
- Research and development
- Heat treatment

Looking for a **quote?**

Our technical sales engineers will discuss your application and provide a quotation.



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Sterling Sensors UK Ltd

Fitmec Works ∴ Hawksley Street ∴ Oldham
United Kingdom ∴ OL8 4PQ

T: +44 (0) 161 620 0410 F: +44 (0) 161 627 0507 E: sales@sterlingsensors.co.uk W: sterlingsensors.co.uk