

# Industrial Mineral Insulated Thermocouple Assembly



Made in the UK 

## Description

Industrial thermowell assembly with removable type K Mineral Insulated insert for easy thermocouple sensor replacement.

This range of high quality MI thermocouples are ideal for temperature measurement in gases or liquids in industrial applications, where a heavy-duty assembly and high temperature is required.

The probe features a 6mm diameter spring loaded removable MI insert, available with Thermocouple type K, T, J or N and Class 1 accuracy. This gives a fast response and high accuracy, as well as making it easy to replace for maintenance, repair and overhaul.

The standard process connection is 1/2" BSP with an 11mm diameter stem, all made from 316 stainless steel. Various immersion lengths are available to suit your process with a standard lagging length of 50mm below an IP68 KNE weatherproof terminal head.

Many options are available such as; alternative lengths, diameters, process connections, in-head transmitters and terminations.

As well as our standard range, we design and manufacture custom assemblies to suit your specific application needs, including alternative materials, terminal heads, reduced tips and flanged process connections.



## Specification

Product	Industrial MI Thermocouple Assembly
Type	K
Temp Range	-200 to 900°C
Length	To suit your application
Diameter	11mm with 6mm insert
Lagging Length	50mm as standard
Process Connection	1/2" BSP
Material	316 Stainless Steel wetted parts
Termination	M4 screw terminals
Part Number	TMITI

**See page 2 for full specification**

## Features

- Mineral Insulated construction
- Spring loaded removable insert
- High temperature
- IP68 weatherproof head
- 316 Stainless Steel wetted parts

For more information visit:

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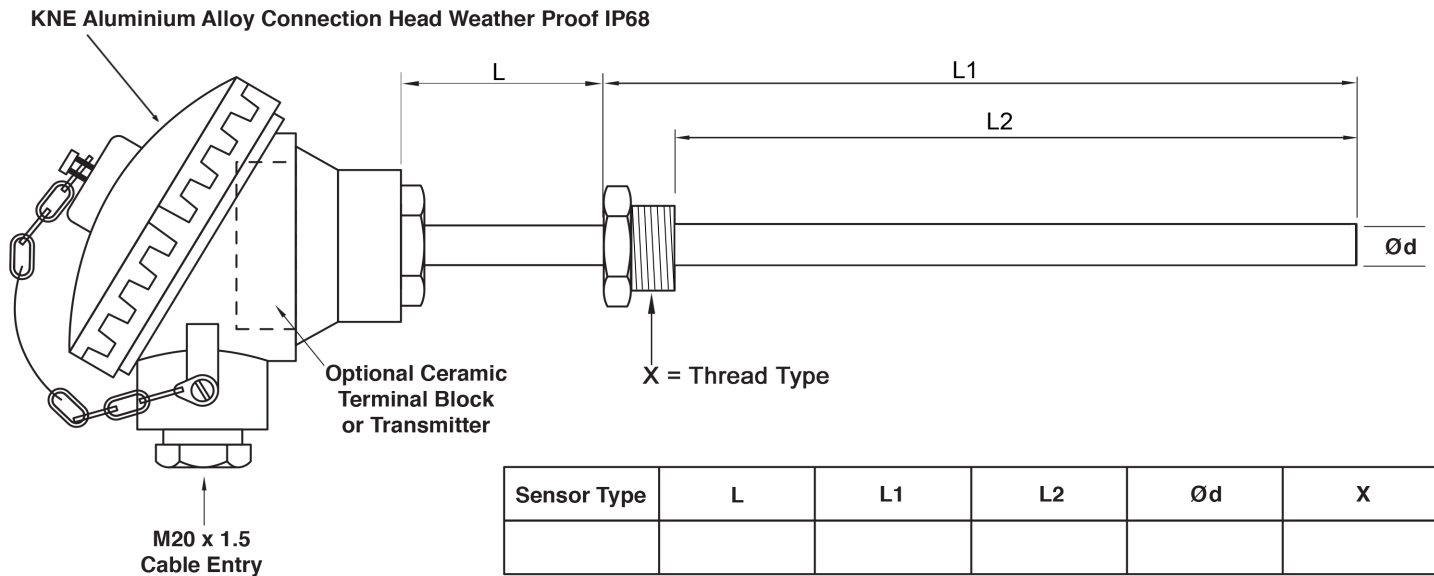
# Additional Information

## Editable Drawing


You can simply save this pdf and email it to [Sales@sterlingsensors.co.uk](mailto:Sales@sterlingsensors.co.uk) or click the button to automatically send from Acrobat.

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**Note:** Dimension L1 for parallel threads and dimension L2 for taper threads.

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