

Industrial Thermocouple Sensor Assembly



Made in the UK 

Description

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

This range of high quality fabricated thermocouple sensors is ideal for temperature measurement in gases or liquids in industrial applications, where a heavy duty assembly is required.

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

The standard process connection is 1/2" BSPP 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 Thermocouple Sensor Assembly
Type	K, J or T
Temp Range	-75 to +250 °C
Length	To suit your application
Diameter	11mm with 6mm insert
Lagging Length	50mm as standard
Process Connection	1/2" BSPP
Material	316 Stainless Steel wetted parts
Termination	M4 screw terminals
Part Number	TFITA

Features

- Type K, T or J thermocouple available
- Spring loaded removable insert
- Class 1 Accuracy
- IP68 weatherproof head
- 316 Stainless Steel wetted parts

For more information visit:

sterlingsensors.co.uk

See page 2 for full specification

Additional Information

Editable Drawing

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

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Contact Name	Company	Email	Telephone / Mobile
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KNE Aluminium Alloy Connection Head Weather Proof IP68

M20 x 1.5 Cable Entry

Optional Ceramic Terminal Block or Transmitter

X = Thread Type

Sensor Type	L	L1	L2	Ød	X

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

STERLING SENSORS TEMPERATURE SENSING TECHNOLOGY	T: +44 (0) 161 620 0410 F: +44 (0) 161 627 0507 E: sales@sterlingsensors.co.uk W: www.sterlingsensors.co.uk	Title Industrial Temperature Assembly	Drawing No. (for SSL use only otherwise stated)
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