

Single Shot Wire Thermocouple



Made in the UK 

Description

A single shot wire thermocouple sensor designed for use in environments where a water or gas tight insulation is required.

These flexible thermocouples are supplied in either type K or T calibration with an exposed junction for rapid response, whether in liquid or gas/air.

The single shot thermocouple wire is moulded into one piece of wire, meaning that the insulation is gas, steam and water tight, even under pressure or in a vacuum. Unlike conventional thermocouple wire, there is no way of elements forcing their way through gaps that are found in the cable.

This sensor can be bespoke manufactured with many options for length, diameter and alternative lead wires available.



Specification

Product	Single Shot Wire Thermocouple
Type	K or T
Temp Range	-75 to +250°C
Length	1,2 and 5 metre or to order
Accuracy	Class 1
Diameter	0.376mm
Junction	Exposed
Material	PFA
Termination	Stripped tails, mini or standard plug
Part Number	TWSST

Features

- Gas, steam & water tight
- Exposed junction for rapid response
- Extremely resistant to chemicals, oils and fluids
- Class 1 accuracy
- Available in type K or T

Application

- Hygienic Autoclaves
- Aerospace
- Steriliser Applications

British Made

All of our sensors are designed, manufactured and assembled in the UK

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