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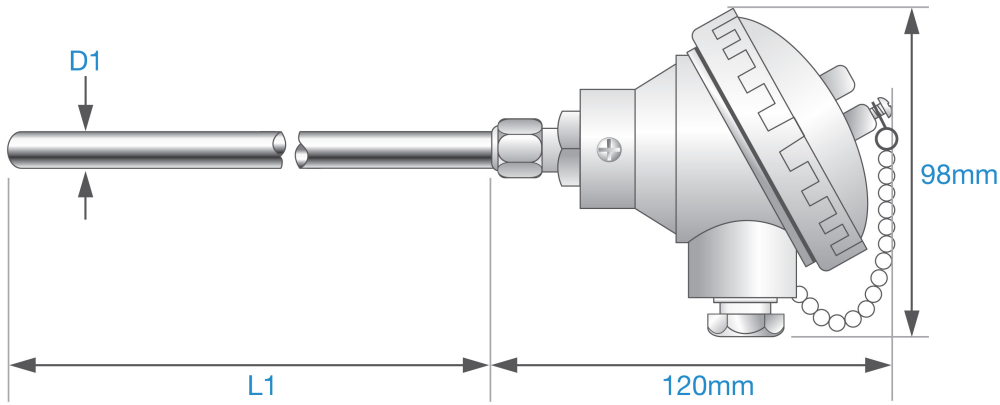# Mineral Insulated Thermocouple Sensor -Type K / Standard Head

Product Images

Description

Note: Type K Thermocouple Shown for illustration only

Mineral Insulated Thermocouple Sensors Fitted With Standard Head available in Type K.

D1: Probe Diameter   **L1: Probe Length**

These semi rigid thermocouples are fitted with a Standard IP67 rated die cast alloy terminal head for excellent environmental protection. The screw lid has a robust chain so to ensure it stays connected to the head. A ceramic terminal block inside the head ensures any connections to extension cable is simple via a M20 X 1.5mm cable entry thread and is supplied with a cable gland. The probe is attached to the head with a compression gland. As standard they have insulated junctions to prevent earth loops. The metal sheaths are impervious to liquids and gases and can withstand high pressures. The sensors can be formed to shape particular applications without impairing performance. The typical bending radius is 10 x probe diameter but can be reduced to 4 x if required.

A range of accessories including extension cables, connectors, pockets, thermowells and adjustable compression fittings are available for this product.

> Accuracy to IEC 60584.1 2013 Class 2 (Class 1 also available)
> IEC 60584.3 2008 colour coded extension cables and connectors
> In House Calibration Service is also available
> Bespoke designs available upon request

Additional Information

Country of Manufacture	United Kingdom
Brand	Tempcon
Maximum Temperature	K
Maximum Temperature Probe	1100
Metal Sheath Material	310 Stainless Steel
Probe Diameter	4.5mm, 6.0mm
Sensing Junction Material	Insulated (isolated), Simplex
Termination	Standard Die Cast Alloy Terminal Head (IP67)

Product Options

Diameter:	6.0 mm
	4.5 mm
Length:	300 mm Length (L1)
	100 mm Length (L1)
	500 mm Length (L1)
	250 mm Length (L1)
	200 mm Length (L1)
	150 mm Length (L1)
	1000 mm Length (L1)