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# Mineral Insulated Thermocouple Sensor - Type N / Plain Pot Seal with PFA Lead (4.5 & 6.0 mm)

## Product Images

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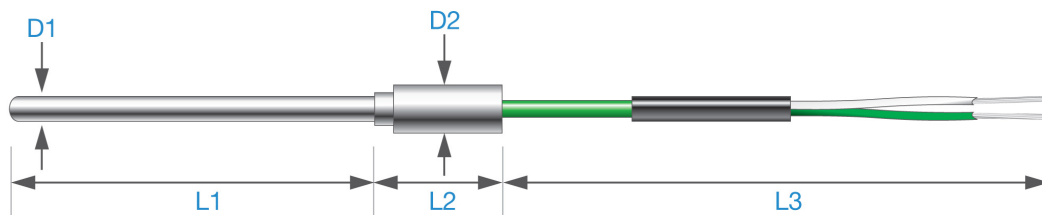


## Description

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Note: Type K Thermocouple Shown for illustration only

Mineral Insulated Thermocouple Sensors with Plain Pot Seal and PFA Lead available in Type N.



**D1: Probe Diameter**

D2: Pot Diameter (9.5mm Ø)

**L1: Probe Length**

L2: Pot Length (44mm Including Crimp Ring)

L3: Extension Cable (1m)

These semi rigid thermocouples sensors are ideal for many applications from simple temperature measurement to the more robust of environments and are available with various sheath materials and diameters. 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. The stainless steel pot is crimped and resin sealed to prevent ingress of moisture and additionally allows the transition to **1 metre of PFA insulated lead**.

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

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Country of Manufacture	United Kingdom
Brand	Tempcon
Maximum Temperature	N
Extension Cable Insulation	PFA, 7/0.2mm
Maximum Temperature Pot	200
Maximum Temperature Probe	1250
Metal Sheath Material	Nicrobell
Probe Diameter	4.5mm, 6.0mm
Sensing Junction Material	Insulated (isolated), Simplex

## Product Options

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Diameter:	6.0 mm
	4.5 mm
Length:	200 mm Length (L1)
	2000 mm Length (L1)
	300 mm Length (L1)
	150 mm Length (L1)
	1000 mm Length (L1)
	250 mm Length (L1)
	100 mm Length (L1)
	500 mm Length (L1)