

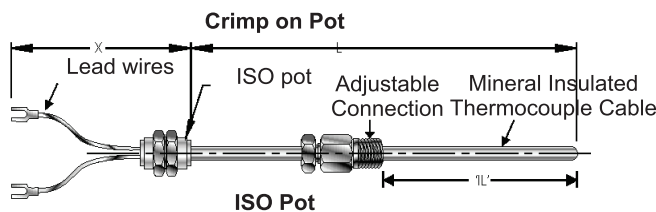
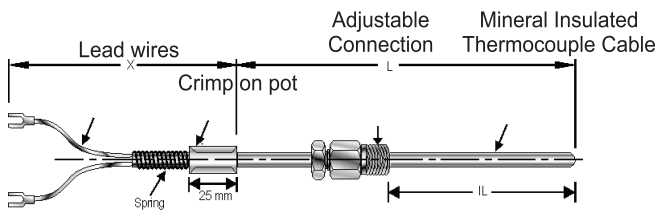


**Specifications**

**Standard Version**

No of elements	: Simplex
Element type	: Chromel - Alumel (K type)
Cold end termination	: Crimp on pot
Accuracy	: Class 2 as per IEC - 584.2 / ANSI MC - 96.1
Hot junction type	: Ungrounded junction
Sheath diameter	: 6.0 mm
Sheath material	: SS 316
Total length "L"(mm)	: 150 mm
Lead wire length "X"mm	: 3000 mm
Lead wire type	: PTFE / PTFE / SS Wire braided lead wires
Process connection	: 1/2" BSP (M)
Tag plate	: Aluminum tag plate

**Dimensional Details**



Notes : • Drawings are not to scale. • All Dimensions are in mm.

**How To Order**

**Example**

<b>Basic model</b>		
<b>Optional Extras</b>		T09
(Select if you required options other than standard product details)		
<b>No of Elements</b>		
1 Simplex (Std.) 2 Duplex (Above sheath dia. 3 mm)		X
<b>Element Type</b>		
K Chromel-Alumel E Chromel-Constantan		X
J Iron-Constantan N Nicrosil - Nisil		
T Copper-Constantan		

**Special Features**

- Mineral insulated with compact MgO powder
- Thermocouple with adjustable process connection for adjustable insertion length
- Available in various standard sheath diameters and sheath materials
- Mineral insulation enables thermocouples to be used at higher temperatures
- Reference standard : IEC - 584.2 / ANSI MC - 96.1

**Application**

- Moulding machine, Plastic industry

**How To Order**

**Example**

<b>Accuracy</b>				
1	Class 1 as per IEC - 584.2 / ANSI MC - 96.1			
2	Class 2 as per IEC - 584.2 / ANSI MC - 96.1			X
<b>Hot Junction Type</b>				
<b>G</b>	Grounded Junction	<b>UG</b>	Un-Grounded Junction	X
<b>Sheath Diameter</b>				
1	1.0 mm	6	6.0 mm	
1.5	1.5 mm	4.5	4.5 mm	
2	2.0 mm	8	8.0 mm	X
3	3.0 mm	Others, please specify.		
<small>Note: Sheath Dia. 1.0 mm, 1.5 mm &amp; 2 mm will be applicable for simplex element only.</small>				
<b>Sheath Material</b>				
1	SS 316	6	Inconel 600	X
<b>Cold End Termination</b>				
<b>A</b>	Crimp on pot			
<b>B</b>	4.5 mm ISO pot (Threaded pot) with lead wires			
<b>C</b>	6.0 mm ISO pot (Threaded pot) with lead wires			X
<b>D</b>	8.0 mm ISO pot (Threaded pot) with lead wires			
<b>E</b>	12.0 mm ISO pot (Threaded pot) with lead wires			
<b>Total Length</b>				
L - Specify in mm.				150 mm
<b>Lead Wire Length</b>				
X - Specify in mm.				3000 mm
<b>Lead Wire Type</b>				
1	PTFE insulated lead wires			
2	PTFE / PTFE insulated lead wires			
3	PTFE / PTFE / SS wires			
4	Fibre Glass insulated lead wires			X
5	Fibre Glass / Fibre Glass insulated lead wires			
6	Fibre Glass / Fibre Glass / SS braided lead wires			
Other please specify				
<b>Process conn. "P"</b>				
<b>4NM</b>	1/2" NPT (M)	<b>5NM</b>	3/4" NPT (M)	
<b>4NF</b>	1/2" NPT (F)	<b>5NF</b>	3/4" NPT (F)	XXX
<b>4BF</b>	1/2" BSP (F)	<b>5BF</b>	3/4" BSP (F)	
<b>4BM</b>	1/2" BSP (M)	<b>5BM</b>	3/4" BSP (M)	
Others, please specify.				
<b>Options</b>				
<b>PW</b>	Calibration Certificate	<b>SX</b>	SS tag plate	XX
<b>Note</b> : 1. When selecting option "PW", please also specify temp. points at which calibration is to be carried out .				
<b>Ordering Example :</b>				
<b>T09 . X . X . X . X . X . X . X . 150mm . 3000mm . X . XXX . XX</b>				

**Note** : Specifications and dimensions given in this product catalogue represents the state of engineering at the time of printing . Modifications may take place and materials specified may be replaced by others without prior notice.