



### Special Features

- Mineral insulation enables Thermocouples to be used at higher temperatures
- Thermocouple with adjustable process connection for adjustable insertion length
- Available in various standard sheath diameters and sheath materials
- Cold end termination will be with plug and Jack connector for quick disconnection type application
- Reference standard : IEC - 584.2 / ANSI MC - 96.1

### Application

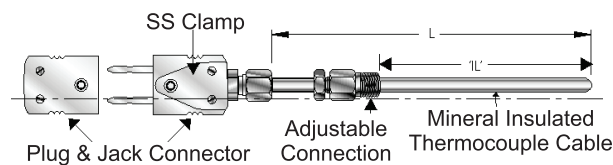
- General industry and for high temperature applications

### Specifications

#### Standard Version

No of elements	: Simplex
Element type	: Chromel - Alumel (K type)
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
Cold end termination	: Standard plug & jack connector
Immersion length 'IL' / Element length 'L' (mm)	: L = 150 mm
Process connection	: 1/2" BSP (M) Adj.
Tag plate	: Aluminum tag plate

### Dimensional Details



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

### How To Order

#### Sheath Diameter

<b>1</b>	1.0 mm	<b>6</b>	6.0 mm
<b>1.5</b>	1.5 mm	<b>4.5</b>	4.5 mm
<b>2</b>	2.0 mm	<b>8</b>	8.0 mm
<b>3</b>	3.0 mm	Others, please specify.	

Note: Sheath Dia. 1.0 mm, 1.5 mm & 2 mm will be applicable for simplex element only.

#### Cold End Termination

<b>1</b>	Standard plug & jack connector
<b>2</b>	Miniature plug & jack connector
<b>3</b>	Standard omega plug & jack connector
<b>4</b>	Miniature omega plug & jack connector
<b>9</b>	High temp. Standard omega plug & jack connector
<b>A</b>	High temp. Miniature omega plug & jack connector
Others, please specify.	

#### Total Length

L - Specify in mm.

#### Process conn. "P"

<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)
<b>4BF</b>	1/2" BSP (F)	<b>5BM</b>	3/4" BSP (M)
<b>4BM</b>	1/2" BSP (M)	<b>5BF</b>	3/4" BSP (F)
Others, please specify.			

#### Options

<b>PW</b>	Calibration Certificate	<b>SX</b>	SS tag plate
-----------	-------------------------	-----------	--------------

#### Note :

1. When selecting option "PW", please also specify temp. points at which calibration is to be carried out .

#### Ordering Example :

**T10 . X . X . X . X . X . X . X . 150mm . XXX . X . X . XX**

**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.

### How To Order

### Example

#### Basic model

T10

#### Optional Extras

(Select if you required options other than standard product details)

#### No of Elements

**1** Simplex (Std.) **2** Duplex (Above sheath dia. 3 mm)

X

#### Element Type

<b>K</b>	Chromel-Alumel	<b>E</b>	Chromel-Constantan
<b>J</b>	Iron-Constantan	<b>N</b>	Nicrosil - Nisil
<b>T</b>	Copper-Constantan		

X

#### Accuracy

**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

#### Hot Junction Type

**G** Grounded Junction **UG** Un-Grounded Junction

X

#### Sheath Material

**1** SS 316 **2** SS 316L **6** Inconel 600

X