



### SPECIAL FEATURES:

- Mineral insulation.
- Provided with SS base plate for mounting head mounted temperature transmitter.
- Spring loaded design.
- Available in all standard sheath diameters and sheath materials.
- Mineral insulation enables Thermocouples to be used at higher temperature.

### APPLICATIONS:

- Used as a spare or replacement Thermocouple element in existing Thermocouple Assembly with Thermowells / protection tubes.

### HOW TO ORDER

Code	No. Of Elements
1	Simplex
2	Duplex
3	Triplex

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Code	Element Type
J	Iron-Constantan
K	Chromel-Alumel
T	Copper-Constantan
E	Chromel-Constantan
R	Plat. 13% Rhod.- Plat.
S	Plat. 10% Rhod.- Plat.
B	Plat. 6% Rhod. - Plat. 30% Rhod.
N	Nicrosil - Nisil

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Code	Accuracy
CL1	Class 1 as per IEC - 584.2
CL2	Class 2 as per IEC - 584.2

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Code	Hot Junction Type
G	Grounded Junction
UG	Ungrounded Junction

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- Reference standard :- IEC - 584.2

### STANDARD PRODUCT DETAILS

No of Elements	- Simplex
Element Type	- Chromel-Alumel
Accuracy	- Class 2 as per IEC - 584.2
Hot Junction Type	- Ungrounded Junction
Sheath Diameter	- 6.0 mm
Sheath Material	- SS 316
Code End Termination-	SS Base Plate OD=41.0 mm PCD=33.0 mm
Total Length "L" mm	- 300 mm
Option Description	- None
Option Description	- SS Tag Plate

Code	Sheath Diameter
3	3.0 mm
4.5	4.5 mm
6	6.0 mm
8	8.0 mm
Consult factory for other size.	

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Code	Sheath Material
316	SS 316
310	SS 310
INC.6	Inconel 600
INC.8	Incolloy 800

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Code	Cold End Termination
1	SS Base Plate OD=41.0mm PCD=33.0mm
2	SS Base Plate OD=55.0mm PCD=46.0mm

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Code	Total Length "L" mm
	Specify in mm.

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Code	Option Description
0	None
13	Head mounted temperature transmitter
PW	Five Point Factory Calibration Certificate
SX	SS Tag Plate

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### Note :

1. When selecting option "PW", please also specify measuring temperature range. (For e.g. 0/300°C)

(Ordering Example)

TC 12 Series

1	K	CL2	UG	6	316	1	300	0
1	2	3	4	5	6	7	8	9

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