



SPECIAL FEATURES:

- Mineral insulation.
- Thermocouple with adjustable process connection for adjustable insertion length.
- Available in all standard sheath diameters and sheath materials.
- Mineral insulation enables Thermocouples to be used at higher temperature.
- Cold end termination will be with plug and Jack connector for quick disconnection type application.

APPLICATIONS:

- General industry and for high temperature applications.

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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Code	Sheath Diameter
1.5	1.5 mm
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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- 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	- Standard Plug & Jack Connector
Immersion Length 'L'	
Element Length "L" (mm)	- L = 300 mm
Process Connection	- 1/2" NPT(M) adj. connector in SS 316
Option Description	- SS Tag Plate

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

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Code	Cold End Termination
1	Standard Plug & Jack Connector
2	Miniature Plug & Jack Connector
3	High Temp. Standard Plug & Jack Connector
4	High Temp. Miniature Plug & Jack Connector

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Code	Insertion Length 'L' / Element Length 'L' mm
	Specify in mm.

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Code	Process connection
A	1/2" NPT(M) adjustable connector in SS 316
B	1/2" NPT(F) adjustable connector in SS 316
C	1/2" BSP(M) adjustable connector in SS 316
D	1/2" BSP(F) adjustable connector in SS 316
	Other, please specify.

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Code	Option Description
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 07 Series	1	K	CL2	UG	6	316	1	L = 300	A	SX
	1	2	3	4	5	6	7	8	9	10

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