



Special Features

- Mineral insulated cable.
- Spring loaded design for positive contact with thermowell
- Available in various connections & sheath diameters
- Enclosures (Head)
- Weatherproof IP - 67
- Flameproof Gr. IIA, IIB
- Explosion proof IIA, IIB, IIC
- Transmitter output 4 - 20 mA (Optional)
- Reference standard : IEC - 584.2 / ANSI MC - 96.1

Application

- Such design is generally used in all industries, machinery manufactures, bearing temp. measurement etc. where space is limited



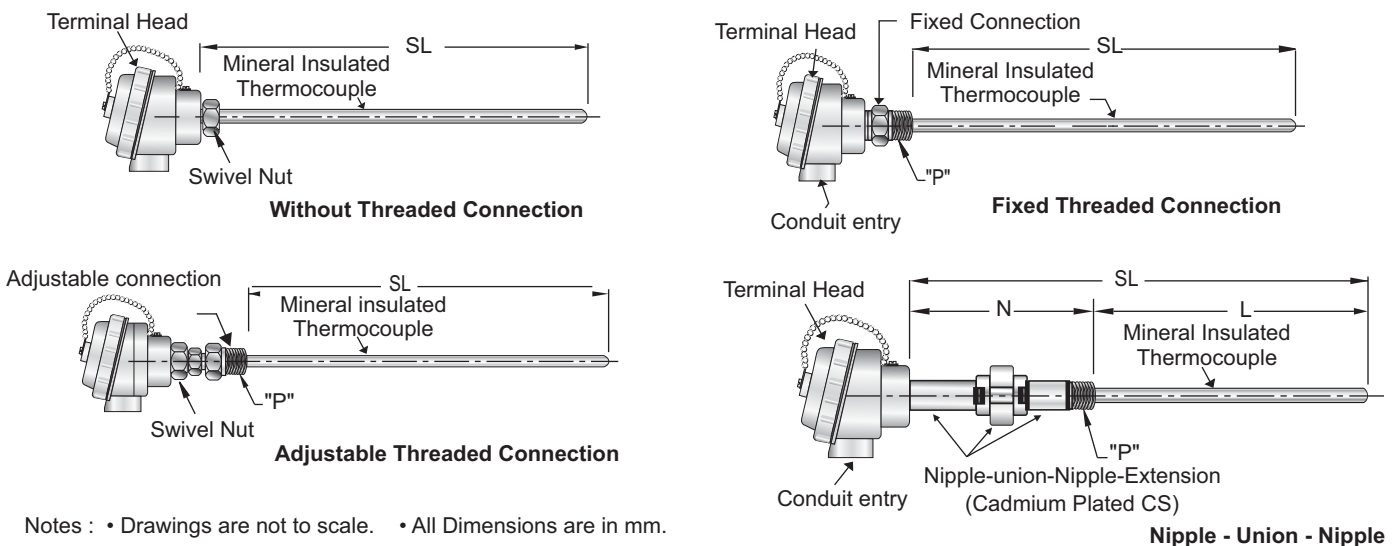
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Specifications

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
Terminal head type	: Screwed type, Weatherproof, IP-67 in Die Cast Aluminum
No of conduit entry	: One
Conduit entry size	: 3/4" ET(F)
Head extension type	: Without threaded connection
Sheath length "SL" below head	: 150 mm
Tag plate	: Aluminum tag plate

Dimensional Details



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

How To Order	Example
Basic model	T01
Optional Extras	
(Select if you required options other than standard product details)	
No of Element	
1 Simplex (Standard)	
2 Duplex (Above sheath dia. 3 mm)	X
Element	
K Chromel-Alumel (Standard)	
J Iron-Constantan	
T Copper-Constantan	
E Chromel-Constantan	
R Platinum 13% Rhodium - Platinum*	X
S Platinum 10% Rhodium - Platinum*	
B Platinum 6% Rhodium - Platinum 30% Rhodium*	
N Nicrosil - Nisil	
*Non MI Beaded (Sheath diameter 6 mm & above)	
Accuracy	
1 Class 1 as per IEC - 584.2 / ANSI MC - 96.1	X
2 Class 2 as per IEC - 584.2 / ANSI MC - 96.1 (Std.)	
Hot Junction Type	
G Grounded Junction	X
UG Un-grounded Junction (Std.)	
Sheath Diameter	
1 1.0 mm* 4.5 4.5 mm	
1.5 1.5 mm* 6 6.0 mm (Std.)	X
2 2.0 mm* 8 8.0 mm Others, Please specify.	
3 3.0 mm 12 12.7 mm	
Sheath Material	
1 SS 316 (Std.) 3 SS 310	X
2 SS 316L 6 Inconel 600	
* Applicable for Simplex Elements only.	
Terminal Head Type	
F Screwed type, flameproof, IP-67, Gr. IIA IIB in Die-cast Aluminum	
E Screwed type, explosion proof, IP-67, Gr.IIC in Die-cast Aluminum	
H Hinged type, weatherproof, IP-67 in Die-cast Aluminum	X
B Weatherproof Head, IP-67 in Die-cast Aluminum with cover fitted with two screws.	
A Screwed type, weatherproof, IP-65 in Die Cast Aluminum (Standard)	
3 Terminal head in SS 304 - WP, IP-67	
4 Terminal head in SS 316 - WP, IP-67	
5 Terminal head in Cast Iron, IP-65	
No of Conduit Entry / Entries	
1 One (Std.) 2 Two	X
Conduit Entry Size	
A 3/4" ET(F) (Std.) B 1/2" NPT(F)	X
C 3/4" NPT(F) other, please specify	
Head Extension Type	
X Head with swivel nut	
E Head with nipple extension	
U Head with nipple union extension	
N Head with nipple union nipple extension	X
T Fixed threaded connection	
A Adjustable threaded connection	

How To Order	Example
Sheath Length 'SL' Below Head / L	250 mm
SL - Specify in mm	
Process conn. "P"	
4NM 1/2" NPT (M)	
4NF 1/2" NPT (F)	
4BF 1/2" BSP (F)	
5NM 3/4" NPT (M)	XXX
5NF 3/4" NPT (F)	
5BM 3/4" BSP (M)	
5BF 3/4" BSP (F)	
Other Options	
13 Head mounted transmitter (4-20 mA)	
14 SS base plate suitable for temperature transmitter mounting	
21 Plug for conduit entry in Carbon Steel	
22 Plug for conduit entry in SS 304	
23 Plug for conduit entry in SS 316	
32 S. C. cable gland in Nickel plated Brass - WP	
33 D. C. cable gland in Nickel plated Brass - WP	
34 S. C. cable gland in SS 304 - WP	
35 D. C. cable gland in SS 304 - WP	
36 S. C. cable gland in SS 316 - WP	
37 D. C. cable gland in SS 316 - WP	
38 S. C. cable gland in nickel plated brass - FLP	
39 D. C. cable gland in nickel plated brass - FLP	
40 S. C. cable gland in SS 304 - FLP	XX
41 D. C. cable gland in SS 304 - FLP	
42 S. C. cable gland in SS 316 - FLP	
43 D. C. cable gland in SS 316 - FLP	
EC Head with nipple extension 50 mm in CS	
E4 Head with nipple extension 50 mm in SS 304	
E6 Head with nipple extension 50 mm in SS 316	
UC Head with nipple extension 100 mm in CS	
U4 Head with nipple extension 100 mm in SS 304	
U6 Head with nipple extension 100 mm in SS 316	
NC Head with nipple extension 150 mm in CS	
N4 Head with nipple extension 150 mm in SS 304	
N6 Head with nipple extension 150 mm in SS 316	
AC Adjustable threaded connection	
PW Calibration certificate	
SX SS tag plate	

Note :

- When selecting option "PW", please also specify temp. Points at which calibration is to be carried out .
- Explanations of Abbreviations used:
 SC = Single Compression SS = Stainless Steel
 DC = Double Compression FLP = Flameproof
 WP = Weatherproof

Ordering Example :
T01 . X . X . X . X . X . X . X . X . X . X . 250mm . XXX . 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.