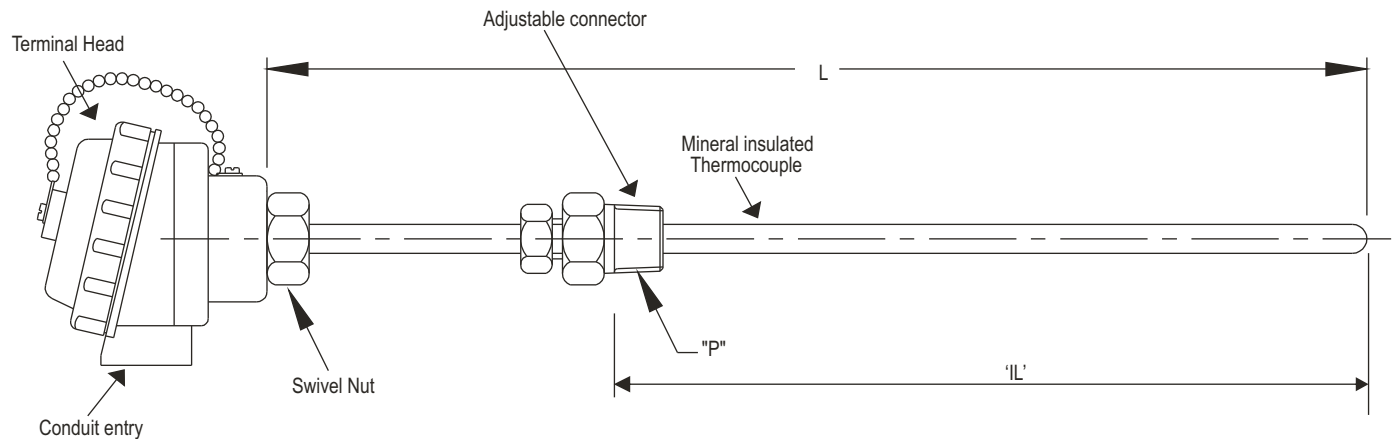


THERMOCOUPLE ASSEMBLY WITH ADJUSTABLE THREADED CONNECTION

TGI32-4



SPECIAL FEATURES:

- Mineral insulation.
- Spring loaded design for positive contact.
- Available in all sheath diameters and sheath material.
- Mineral insulation enables Thermocouples to be used at high temperature.
- Enclosures in all material - Die cast Aluminium / Cast Iron / SS 304 / SS 316
- Enclosures in all categories (Weatherproof, IP-65 to IP- 68), Flameproof GR. IIA IIB and Explosionproof, GR. IIA, IIB, IIC for Hservice application.

APPLICATIONS:

- Such design is generally used in general industry, machinery manufactures, bearing temperature measurement etc.

HOW TO ORDER

Code	No. Of Elements
1	Simplex
2	Duplex
3	Triplex

1

Code	Element Type
J	Iron-Constantan
K	Chrome-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

2

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

3

Code	Hot Junction Type
G	Grounded Junction
UG	Ungrounded Junction

4

- Reference standard :- IEC - 584.2

STANDARD PRODUCT DETAILS

No of Elements	- Simplex
Element Type	- Chrome-Alumel
Accuracy	- Class 2 as per IEC - 584.2
Hot Junction Type	- Ungrounded Junction
Sheath Diameter	- 6.0 mm
Sheath Material	- SS 316
Terminal Head Type	- Screwed type, weatherproof, IP-65 in die-cast Aluminium
No. Of Conduit Entries	- One
Conduit Entry Size	- 3/4" ET(F)
Head Extension Type	- Adjustable threaded connction
Immersion Length "L" mm	- 300 mm
Process Connection "P"	- 1/2"NPT(M)
Option Description	- S.C. cable gland in Nickel plated brass

THERMOCOUPLE ASSEMBLY WITH ADJUSTABLE THREADED CONNECTION

TGI32-4

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.	

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

Code	Terminal Head Type
SWP	Screwed type, weatherproof, IP-65 in die-cast Aluminium
SFP	Screwed type, flamerproof Gr. IIA IIB in die-cast Aluminium
SEP	Screwed type, explosionproof Gr.IIC in die-cast Aluminium
HWP	Hinged type, weatherproof, IP-65 in die-cast Aluminium
JWP	Junction box, weatherproof, IP-65 in die-cast Aluminium
JFP	Junction box, flamerproof Gr. IIA IIB in die-cast Aluminium
JEP	Junction box, explosionproof Gr.IIC in die-cast Aluminium
BWP	Weatherproof Head, IP-65 in die-cast Aluminium with cover fitted with two screws.

Code	No. Of Conduit Entry/Entries
1	One
2	Two
	Other, Please Specify

Code	Conduit Entry Size
A	3/4" ET(F)
B	1/2"NPT(F)
C	3/4"NPT(F)
	Other, Please Specify

Code	Head Extension Type
AC	Adjustable threaded connector

Code	Immersion Length'IL'/Element Length "L"mm
	Specify in mm.

Code	Process conn. "P"
A	1/2"NPT(M)
B	1/2"BSP(M)
C	3/4"NPT(M)
D	3/4"BSP(M)
	Other, Please Specify

Code	Option Description
0	None
3	Terminal head in SS 304
4	Terminal head in SS 316
5	Terminal head in Cast Iron
6	S.C. cable gland in nickel plated brass
7	D.C. cable gland in nickel plated brass
8	S.C. cable gland in SS 304
9	D.C. cable gland in SS 304
11	S.C. cable gland in SS 316
12	D.C. cable gland in SS 316
13	Head mounted temp. transmitter
14	S.S. base plate suitable for Temperature Transmitter mounting
20	Plug for conduit entry in Carbon Steel [ASTM A105]
21	Plug for conduit entry in SS 304
22	Plug for conduit entry in SS 316
23	Plug for conduit entry in Aluminium
PW	Five Point Factory Calibration Certificate
SX	SS Tag Plate

Note :

- When selecting option "PW", please also specify measuring temperature range. (For e.g. 0/300°C)
- Explanations of Abbreviations used:
 - SC = Single Compression
 - DC = Double Compression
 - SS = Stainless Steel

(Ordering Example)

TGI32-4	1	K	CL2	UG	6	316	SWP	1	A	AC	L = 300	A	6
	1	2	3	4	5	6	7	8	9	10	11	12	13