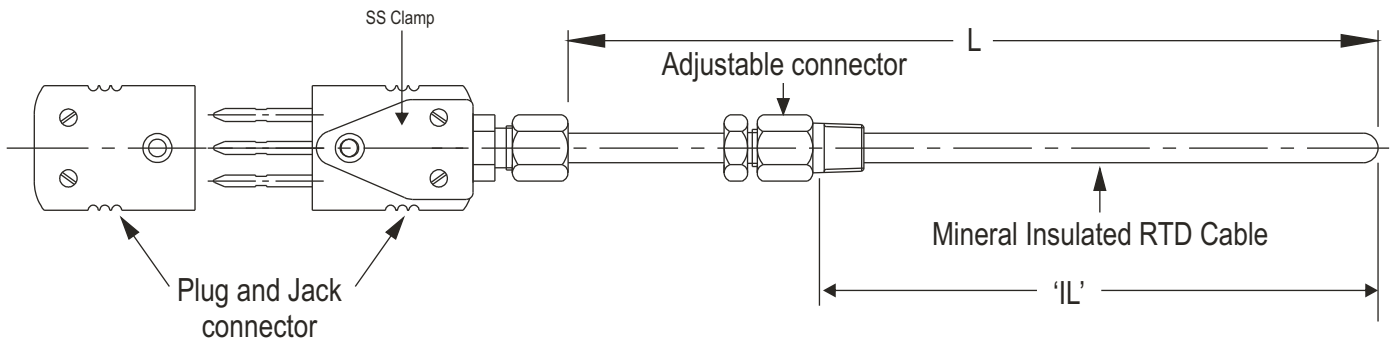


RTD INSERT WITH PLUG & JACK CONNECTOR

TGI31-6



HOW TO ORDER

Code	No of Element
1	Simplex
2	Duplex

1

- Reference standard :- IEC - 751.

Code	Element Type
Pt -100	Pt - 100 RTD
Pt- 500	Pt - 500 RTD
Pt - 1000	Pt - 1000 RTD
Cu - 53	Cu - 53

2

SPECIAL FEATURES:

- Mineral insulation.
- RTD with adjustable process connection for adjustable insertion length.
- Mineral insulation enables flexibility and Durability.

Code	Range
FLM	-200°C till 449°C
CMC	450°C till 600°C

3

APPLICATIONS:

- General industry

Code	Accuracy
A	Class 'A' Tolerance as per IEC - 751
B	Class 'B' Tolerance as per IEC - 751

4

STANDARD PRODUCT DETAILS

No of element	-	Simplex
Element type	-	Pt - 100 RTD
Range	-	-200°C till 449°C
Accuracy	-	Class 'B' Tolerance as per IEC - 751
Wire Configuration	-	3 Wire System
Sheath Diameter	-	6.0 mm
Sheath Material	-	SS 316
Cold End Termination	-	Standard Plug & Jack Connector
Insertion Length 'IL' /	-	L = 300 mm
Process Connection	-	1/2"NPT(M) adj. connector in SS 316
Option Description	-	SS Tag Plate

Code	Wire Configuration
2W	2 Wire System
3W	3 Wire System
4W	4 Wire System

5

Code	Sheath Diameter
3	3.0 mm
3/ 2.8	3.0/ 2.8 mm*
6	6.0 mm
6/ 5	6.0/ 5.0 mm*
8	8.0 mm
8/ 5	8.0/ 5.0 mm*

6

Consult factory for other diameter.
* RTD Element will be enclosed in
Ø3.0 mm SS 316 sheath & Extended by
Ø2.8 mm Mineral Insulated lead out cable.

Code	Sheath Material
316	SS 316

7

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

9

Code	Cold End Termination
1	Standard Plug & Jack Connector
2	Miniature Plug & Jack Connector

8

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

10

Code	Option Description
PW	Five Point Factory Calibration Certificate
SX	SS Tag Plate

11

Note :

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

(Ordering Example)

TGI31-6	1	Pt-100	FLM	B	3W	6	316	1	L=300	A	SX
	1	2	3	4	5	6	7	8	9	10	11