


Special Features

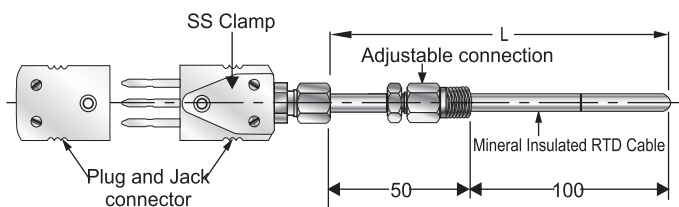
- Mineral insulation enables for use at higher temperature
- RTD with adjustable process connection for adjustable insertion length
- Available in various standard sheath diameters and sheath materials
- Cold end termination will be with plug and jack connector for quick disconnection type application.
- Reference Standard : IEC - 751 / DIN 43760

Applications

- This design is used in general industry for temperature measurement

Specifications
Standard Version

No of element	:	Simplex
Element type	:	Pt - 100
Range	:	-70 to 500°C
Accuracy	:	Class 'B' Tolerance as per
	:	IEC - 751/ DIN 43760
Wire configuration	:	3 Wire System
Sheath diameter	:	6.0 mm
Sheath material	:	SS 316
Cold end termination	:	Plug & jack connector
Insertion length 'IL' /	:	L = 150 mm
Process connection	:	1/2" BSP (M) Adj., SS 316
Tag plate	:	SS Tag plate

Dimensional Details


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

How To Order		Example
Basic model		R12
Optional Extras		
No of Element		
1	Simplex (Standard)	X
2	Duplex	
Elements Type		
P1	Pt- 100 (Standard)	XX
P2	Pt- 500	
P3	Pt - 1000	
Range		
C	-70 to 500°C	X
Accuracy		
A	Class 'A' (-70 to 300 ^{00C}) <small>*For any range beyond this, consult factory</small>	X
B	Class 'B' (Standard)	
Wire Configuration		
2	2 Wire system	X
3	3 Wire system (Standard)	
4	4 Wire system	
Sheath Diameter <small>*For 3mm sheath dia duplex cannot be offered.</small>		
03	3.0 mm*	XX
05	4.5 mm	
06	6.0 mm (Standard)	
08	8.0 mm	
Sheath Material		
1	SS 316 (Standard)	X
2	SS 316L	
Cold End Termination		
1	Plug & Jack Connector (Standard)	X
2	Miniature Plug & Jack Connector	
3	Omega make Standard Plug & Jack Connector	
4	Omega make Miniature Plug & Jack Connector	
Total Length		
L - Specify in mm.		150 mm
Process conn. "P"		
4NM	1/2" NPT (M)	XXX
4NF	1/2" NPT (F)	
4BM	1/2" BSP (M) (Standard)	
4BF	1/2" BSP (F)	
5NM	3/4" NPT (M)	
5NF	3/4" NPT (F)	
5BM	3/4" BSP (M)	
5BF	3/4" BSP (F)	
Other Options		
PW	Calibration Certificate	XX
SX	SS Tag Plate	

Note :

1. When selecting option "PW", please also specify temp. points at which calibration is to be carried out .

Ordering Example :

R12 . X . XX . X . X . X . XX . X . X . 150mm . 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.