


Special Features

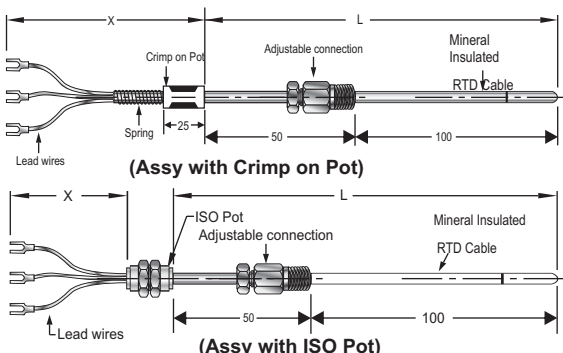
- Mineral insulation enables flexibility and Durability.
- RTD with adjustable process connection for adjustable insertion length.
- Reference Standard : IEC - 751 / DIN 43760

Applications

- This design is used in General industry for temperature measurement

Specifications
Standard Version

No of element	: Simplex
Element type	: Pt -100
Range	: -70°C till 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
Immersion length 'IL' / Element length 'L' mm	: L = 150 mm
Lead wire length "X" mm	: 3000 mm
Lead wire type	: PTFE / PTFE / SS braided lead wire
Process connection	: 1/2" BSP (M) Adj., SS 316
Tag plate	: Aluminum tag plate
Cold end termination	: Crimp on pot with lead wires

Dimensional Details


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

How To Order		Example		
Basic model		R11		
Optional Extras				
No of Element				
1	Simplex (Standard)	X		
2	Duplex			
Elements Type				
P1	Pt - 100 (Standard)	XX		
P3	Pt - 1000			
P2	Pt - 500			
Range				
C	-70°C till 500°C	X		
Accuracy				
A	Class 'A' (-70 to 300°C) For any range beyond this, consult factory.	X		
B	Class 'B' (Standard)			
Sheath Diameter (*For 3mm sheath dia duplex cannot be offered)				
03	3.0 mm*	XX		
04	4.0 mm			
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				
C	Crimp on Pot with lead wire	X		
D	8.0mm ISO pot (Threaded pot) with lead wires.			
E	12.0mm ISO pot (Threaded pot) with lead wires.			
Total Length				
L - Specify in mm.		150 mm		
Lead Wire Length				
X - Specify in mm.		3000 mm		
Lead Wire Type				
1	PTFE insulated lead wires	X		
2	PTFE / PTFE insulated lead wires			
3	PTFE / PTFE / SS braided lead wire (Standard)			
4	Silicon Cable			
		For other options, contact factory.		
Process conn. "P"				
4NM	1/2" NPT (M)	5NM	3/4" NPT (M)	XXX
4NF	1/2" NPT (F)	5NF	3/4" NPT (F)	
4BF	1/2" BSP (F)	5BM	3/4" BSP (M)	
4BM	1/2" BSP (M) (Standard)	5BF	3/4" BSP (F)	
Other Options				
PW	Calibration certificate	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 :
R11 . X . XX . X . X . X . XX . X . X . 150mm . 3000mm . X . 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.