



Special Features

- Spring loaded design for positive contact with thermowell
- Available in various connections & sheath diameters
- Reference Standard : IEC - 751 / DIN 43760

Application

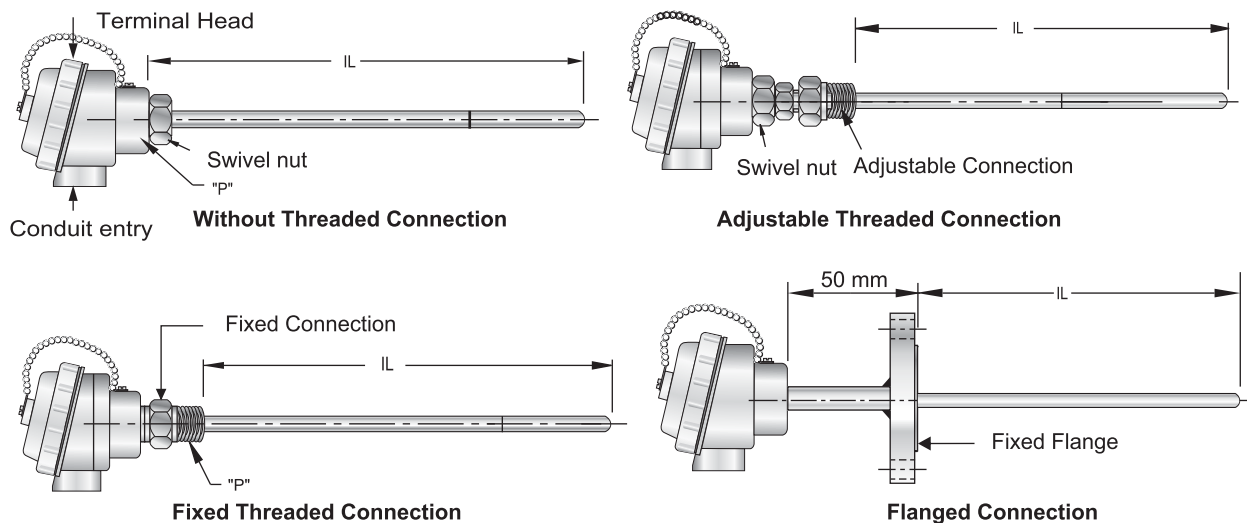
- Such assemblies are generally inserted in existing Thermowells / protection tubes
- This assembly can be provided with threaded connection and Thermowell

Specifications

Standard Version

No of element	: Simplex
Element type	: Pt - 100
Range	: -70 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
Terminal Head Type	: Screwed type, weatherproof, IP-65 in Die Cast Aluminum
No of Conduit Entry	: One
Cable Gland	: 3/4" ET, Nickel plated brass, Single Compression
Head Extension Type	: Without threaded connection
Immersion Length "IL"mm	: 300 mm
Tag Plate	: SS Tag plate

Dimensional Details



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

How To Order			Example	How To Order			Example
Basic Model			R01	Process Conn. “P”, SS 316			XXX
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 till 500°C		X				
Accuracy							
A	Class ‘A’ (-70 till 300°C) for any range beyond this, consult factory.		X				
B	Class ‘B’						
Wire Configuration							
2	2 Wire system	3 3 Wire system (Standard)	X				
4	4 Wire system						
Sheath Diameter							
03	3.0 mm	10 10.0 mm	XX				
For 3mm Sheath Dia Duplex can not be offered		12 12.0 mm*					
05	4.5 mm	16 16.0 mm *					
06	6.0 mm (Standard)	P4 ½” Sch. 40*					
08	8.0 mm						
* Up to 10mm OD MI cable and for above it protecting tube will be provided.							
Sheath Material							
1	SS 316 (Standard)	2 SS 316L					
Terminal Head Type							
F	Screwed type, Flameproof, IP-67, Gr. IIA IIB in Die Cast Aluminum		X				
E	Screwed type, Explosion proof, IP-67, Gr. IIC in Die Cast Aluminum						
H	Hinged type, Weatherproof, IP-67 in Die Cast Aluminum						
B	Weatherproof Head, IP-67 in Die-cast Aluminum						
A	Screwed type, weatherproof, IP-65 in Die Cast Aluminium						
C	Screwed Type, Weatherproof, IP-68 in Die Cast Aluminum						
3	Terminal head in SS 304 - WP, IP-67						
4	Terminal head in SS 316 - WP, IP-67						
* For other option contact factory							
No of Conduit Entry / Entries							
1	One entry (Standard)	2 Double entry	X				
Cable Gland							
A	3/4" ET (F)	B 1/2" NPT(F)	X				
* For other option please specify							
Head Extension Type							
FF	Fixed Flange Connection		XX				
AF	Adjustable Flange Connection						
AC	Adjustable connection						
FC	Fixed connection						
XX	Without threaded connection (Standard)						
Immersion Length							
IL - Specify in mm.			300 mm				