

RTD ASSEMBLY WITH SCREWED / FLANGED CONNECTION (NON M. I.)

• Reference standard :- IEC - 751 / DIN 43760.

SPECIAL FEATURES

- Spring loaded design for positive contact with thermowell
- Available in various connections & sheath diameters

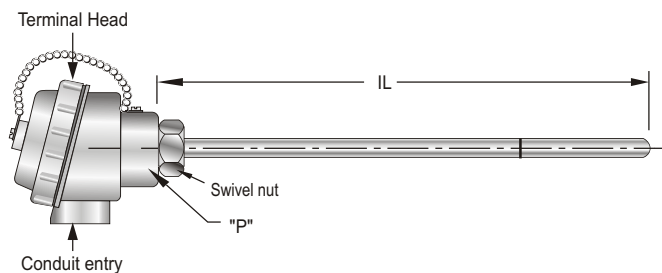
APPLICATIONS

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

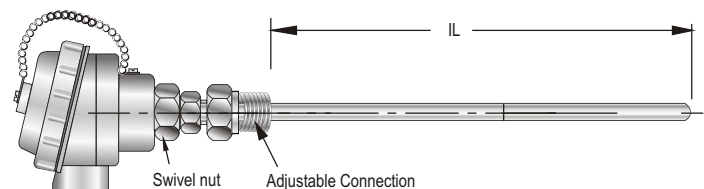
STANDARD PRODUCT DETAILS

No of element	-	Simplex
Element type	-	Pt - 100
Range	-	-200°C till 450°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
Imm. Length "IL"mm	-	300 mm
Tag Plate	-	Aluminum Tag Plate

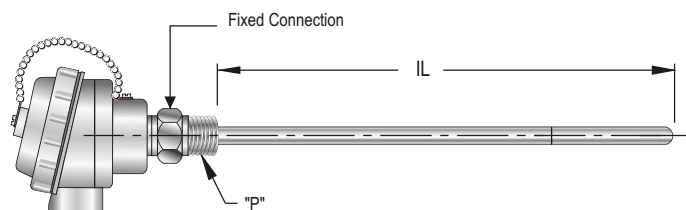
DIMENSIONAL DETAILS



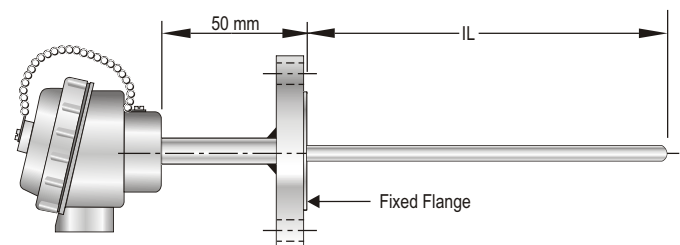
Without Threaded Connection



Adjustable Threaded Connection



Fixed Threaded Connection



Flanged Connection

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



HOW TO ORDER

BASIC MODEL

Optional Extras

(Select if you required options other than standard product details)

No of Element

D	Duplex
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Sheath Diameter

08	8.0 mm
10	10.0 mm
12	12.0 mm
16	16.0 mm
P4	1/2" Sch. 40

Head Extension Type

F	Fixed Flange Connection
C	Adjustable Flange Connection

Immersion Length

IL - Specify in mm.

Process conn. "P" (*Suitable sheath dia. 6, 8 & 10 mm)

4NM	1/2"NPT (M)*
4BM	1/2"BSP (M)*
Flange connection - Refer flange table.	

(As per ANSL B 16.5)*					
B09	1/2" 150 #	B21	1" 150 #	B39	2" 150 #
B10	1/2" 300 #	B22	1" 300 #	B40	2" 300 #
B11	1/2" 600 #	B23	1" 600 #	B41	2" 600 #
B15	3/4" 150 #	B33	1 1/2" 150 #	B51	3" 150 #
B16	3/4" 300 #	B34	1 1/2" 300 #	B52	3" 300 #
B17	3/4" 600 #	B35	1 1/2" 600 #	B53	3" 600 #

(* Flanged connections applicable with sheath diameter of 12 mm, 16 mm & 1/2" Sch. 40 pipe only)
Please consult for other flanges.

Terminal Head Type

F	Screwed type, Flameproof Gr. IIA IIB in die-cast Aluminum
E	Screwed type, Explosion proof Gr. IIC in die-cast Aluminum
H	Hinged type, Weatherproof, IP-65 in die-cast Aluminum
B	Weatherproof Head, IP-65 in die-cast Aluminum with cover fitted with two screws.

No of Conduit Entry / Entries

2	Two
	Other, Please Specify

Cable Gland

B	1/2" NPT
	Other, Please Specify

Ordering Example:

R01 - X - XX - X - 300mm - XXX - X - X - X - XX

For parameters & specifications other than the above, refer to our nearest sale office.

Example

R01

X

XX

300 mm

XXX

X

X

X

Other options

02	S. C. cable gland in SS 304
03	S. C. cable gland in SS 316
04	D. C. cable gland in nickel plated brass
05	D. C. cable gland in SS 304
06	D. C. cable gland in SS 316
08	S. C. Flameproof cable gland in SS 304
09	S. C. Flameproof cable gland in SS 316
10	D. C. Flameproof cable gland in nickel plated brass
11	D. C. Flameproof cable gland in SS 304
12	D. C. Flameproof cable gland in SS 316
13	Plug for conduit entry in Carbon Steel [ASTM A105]
14	Plug for conduit entry in SS 304
15	Plug for conduit entry in SS 316
PW	Calibration Certificate
SX	SS Tag Plate
FC	Fixed Threaded Connection
AC	Adjustable Threaded Connection

XX

Note :

- When selecting option "PW", please also specify temp. points at which calibration is to be carried out.
- Explanations of Abbreviations used:
 SC = Single Compression
 DC = Double Compression
 SS = Stainless Steel

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.

