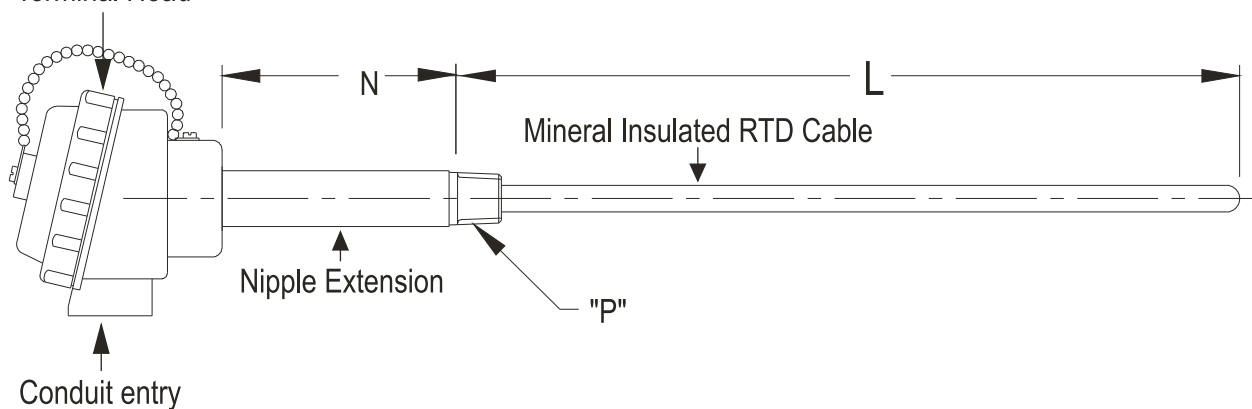




SPECIAL FEATURES:

- Mineral insulation.
- Spring loaded design for positive contact with thermowell
- Available in all sheath diameters
- Mineral insulation enables flexibility and Durability.
- Enclosures in all material - Die cast Aluminium / SS 304 / SS 316
- Enclosures in all categories (Weatherproof, IP-65 to IP-68, Flameproof Gr. IIA, IIB, and Explosionproof and Gr. IIA, IIB, IIC for H₂ service application.)
- Reference standard :- IEC - 751 / DIN 43760

Terminal Head



HOW TO ORDER

Code	No of Element
1	Simplex
2	Duplex

1

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

2

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

3

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

4

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

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APPLICATIONS:

- Such assemblies are generally inserted in existing Thermowells / Protection Tubes.

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 304 / SS 316
Terminal Head Type	- Screwed type, weatherproof, IP-67 in Die-cast Aluminium
No. Of Conduit Entry/Entries	- One
Conduit Entry Size	- ½" NPT (F)
Head Extension Type	- Head - Nipple Extension in SS 304
Immersion Length "L"mm	- 300 mm
Extension Length "N"mm	- 100 mm
Process conn. "P"	- ½"NPT(M)
Option Description	- S.C. cable gland in nickel plated brass

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

Code	Sheath Diameter
3	3.0 mm
4	4.0 mm
5	5.0 mm
6	6.0 mm
8	8.0 mm
10	10.0 mm

Consult factory for other diameter.

6

Code	Process conn. "P"
A	1/2"NPT(M)
B	1/2" BSP(M)
C	3/4"NPT(M)
D	3/4" BSP(M)
	Other, Please Specify

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Code	Sheath Material
304	SS 304 (Standard)
316	SS 316

7

Code	Option Description
0	None
3	Terminal head in SS 304
4	Terminal head in SS 316
6	S.C. cable gland in nickel plated brass
7	D.C. cable gland in nickel plated brass
8	S.C. cable gland in SS 304
9	D.C. cable gland in SS 304
11	S.C. cable gland in SS 316
12	D.C. cable gland in SS 316
13	Head mounted temp. transmitter
14	S.S. base plate suitable for Temperature Transmitter mounting
16	Head Extension in SS 304.
17	Head Extension in SS 316.
20	Plug for conduit entry in Carbon Steel [ASTM A105]
21	Plug for conduit entry in SS 304
22	Plug for conduit entry in SS 316
23	Plug for conduit entry in Aluminium
PW	Factory Calibration Certificate
SX	SS Tag Plate
TC	Teflon Coating on Sheath

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Code	Terminal Head Type
SW5	Screwed type, weatherproof, IP-65 in die-cast Aluminium
SW7	Screwed type, weatheproof, IP-67 in die-cast Aluminium
SFP	Screwed type, flamerproof Gr. IIA IIB in die-cast Aluminium
SEP	Screwed type, explosionproof Gr.IIC in die-cast Aluminium
HWP	Hinged type, weatherproof, IP-65 in die-cast Aluminium
BWP	Weatherproof Head, IP-65 in die-cast Aluminium with cover fitted with two screws.

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Code	No. Of Conduit Entry/Entries
1	One
2	Two
	Other, Please Specify

9

Code	Conduit Entry Size
A	3/4" ET(F)
B	1/2"NPT(F)
C	3/4"NPT(F)
	Other, Please Specify

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Note :

- When selecting option "PW", please also specify measuring temperature range.(For e.g. 0/300°C)
- Explanations of Abbreviations used:
 SC = Single Compression
 DC = Double Compression
 SS = Stainless Steel

Code	Head Extension Type
N	Head - Nipple Extension in SS 316

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Code	Immersion Length "L"mm
	Specify in mm.

12

Code	Extension Length "N"mm
	Specify in mm.

13

(Ordering Example)

RTD 03	1	(Pt-100)	FLM	B	3W	6	316	SWP	1	B	N	300	100	A	6
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15