

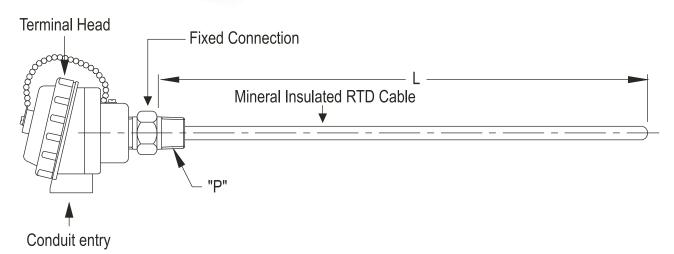


RTD01

RTD Assembly With Fixed Threaded Connection

SPECIAL FEATURES:

- 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 Gr. IIA, IIB, IIC for H, service application.)
- Reference standard :- IEC 751 / DIN 43760



HOW TO ORDER

Code	No of Element	
1	Simplex	
2	Duplex	

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

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

Code	Accuracy	
Α	Class 'A' Tolerance as per IEC - 751	4
В	Class 'B' Tolerance as per IEC - 751	

Code	Wire Configuration	
2W	2 Wire System	
3W	3 Wire System	9
4W	4 Wire System	

APPLICATIONS:

 Such design is generally used in all industries, machinery manufactures, bearing temp measurement etc. where space is limited.

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-65 in

die-cast Alumnium

No. Of Conduit Entry/Entries - One Conduit Entry Size - ½" NPT (F)

Head Extension Type - Fixed Threaded Connection
Immersion Length "L"mm - 300 mm or As Required

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.



RTD Assembly With Fixed Threaded Connection

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.	
Consult factory for other diameter.	

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

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

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

Code	Conduit Entry Size
Α	3/4" ET(F)
В	1/2"NPT(F)
С	3/4"NPT(F)
	Other, Please Specify

Code	Head Extension Type	
FC	Fixed Threaded Connection	U

Code	Immersion Length "L"mm	40
	Specify in mm.	

Code	Process conn. "P"
Α	½"NPT(M)
В	½" BSP(M)
С	3/4"NPT(M)
D	3/4" BSP(M)
N	None
	Other, Please Specify

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	

8

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



