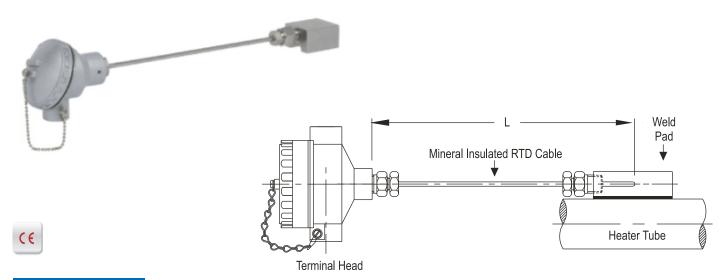




RTD09

RTD Assembly With Weld Pad



SPECIAL FEATURES:

- Mineral insulation.
- 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 H₂ service application.)

• Reference standard :- IEC - 751 / DIN 43760

HOW TO ORDER

Code	No of Element	
1	Simplex	
2	Duplex	

Code	Element Type
Pt -100	Pt - 100 RTD
Pt- 500	Pt - 500 RTD
Pt - 1000	Pt - 1000 RTD
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
4W	4 Wire System

APPLICATIONS:

 This design is specifically used to measure skin temperature of heater tube or flat surface. Typical applications are measurement of surface temperature of refactory lined vessels, columns, reactors in Petrochemical plants & oil Refineries & pipelines.

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 316

Terminal Head Type - Screwed type, weatherproof, IP-67 in

Die-cast Alumunium

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

Mounting Type - Bracket Mounting for Head

Weld Pad Size - 25x25x50 mm
Weld Pad Radius - Flat Surface
Weld Pad Material - SS 316
Total Length "L"mm - 3000 mm.

Option Description - S.C. cable gland in nickel plated brass

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



RTD Assembly With Weld Pad

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 fa	ctory 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
BWP	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	Mounting Type
S	Surface Mounting For JB
В	Bracket Mounting For Head
Р	2"NB Pipe Mounting Bracket
L	Local Mounting Without Bracket

Code	Weld Pad Size
1	25x25x50 mm
2	25x25x100 mm
3	50x50x100 mm
	Other, Please Specify

	Code	Weld Pad Radius	
	R	Specify in mm.	13
ĺ	F	Flat Surface	

Code	Weld Pad Material
316	SS 316
310	SS 310
446	SS 446
INC.6	Inconel 600

Code	Total Length "L"mm	
	Specify in mm.	

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		

Note:

1. When selecting option "PW", please also specify measuring temperature range.(For e.g. 0/300°C)

2. Explanations of Abbreviations used:

SC = Single Compression
DC = Double Compression
SS = Stainless Steel

(Ordering Example)

FLM **RTD 09** (Pt-100) В 6 316

316 3000

6