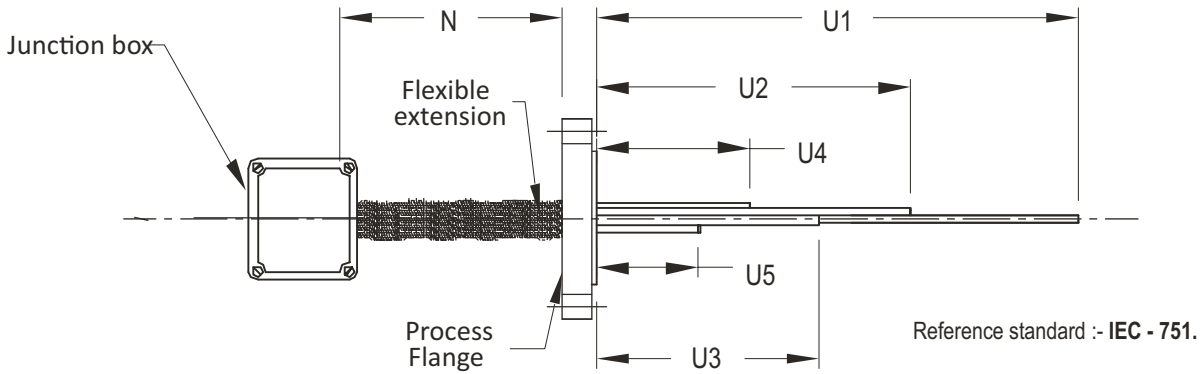


**MULTI - POINT RTD ASSEMBLY WITHOUT PROTECTION TUBE**

**RTD18**



**Special Features :**

- ★ Mineral insulation.
- ★ Available in all sheath diameters
- ★ Mineral insulation enables flexibility and Durability.
- ★ Enclosures in all material - Die cast Aluminium / Cast Iron / 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<sub>2</sub> service application.)

**Application :**

These assemblies are find application in Refinery & Petrochemical plants which includes catalytic crackers, lime kilns, distillation columns & pressurised reactor vessels.

**How to Order:**

Code	No of Element
S	Simplex
D	Duplex

1

Code	Element Type
Pt -100	Pt - 100 RTD

2

Code	Range
DST	-200°C till 449°C
NST	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	No of Point
2	2 RTD
3	3 RTD
4	4 RTD
5	5 RTD
6	6 RTD
9	9 RTD
12	12 RTD
Other, Please Specify	

5

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

6

Code	Sheath Diameter
3	3.0 mm
4.5	4.5 mm
6	6.0 mm
Consult factory for other size.	

7

**MULTI - POINT RTD ASSEMBLY WITHOUT PROTECTION TUBE // // RTD18**

Code	Sheath Material
S6	SS 316

8

Code	Junction box Type
JWP	Junction box, weatherproof, IP-65 in die-cast Aluminium
JFP	Junction box, flamerproof Gr. IIA IIB in die-cast Aluminium
JEP	Junction box, explosionproof Gr.IIC in die-cast Aluminium

9

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

10

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

11

Code	Junction Box Extension Type
F	Junction Box With Flexhose

12

Code	Flange Material
A105	ASTM A105 (CS)
F316	A182 F316
	Consult factory for other material.

13

Code	Flange Type / Size
FF	Fixed Flange (Specify Size)

14

Code	RTD Insertion Length
U1	Specify in mm.
U2	Specify in mm.
U3	Specify in mm.
U4	Specify in mm.
	Etc.

15

Code	Junction Box Extension Length "N" mm
N	Specify in mm.

16

Code	Option Description
0	None
3	Junction Box in SS 304
4	Junction Box in SS 316
7	D.C. cable gland in nickel plated brass
9	D.C. cable gland in SS 304
12	D.C. cable gland 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	Five Point Factory Calibration Certificate
SX	SS Tag Plate

17

**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)

**RTD18** [S] (Pt-100) [DST] [B] [4] [3W] [3] [S6] [JWP] [4] [A] [F] [F316] [FF(2"150#RF)] [U4=1400 U3=1600 U2=1800 U1=2000] [N=1500] [7]

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17