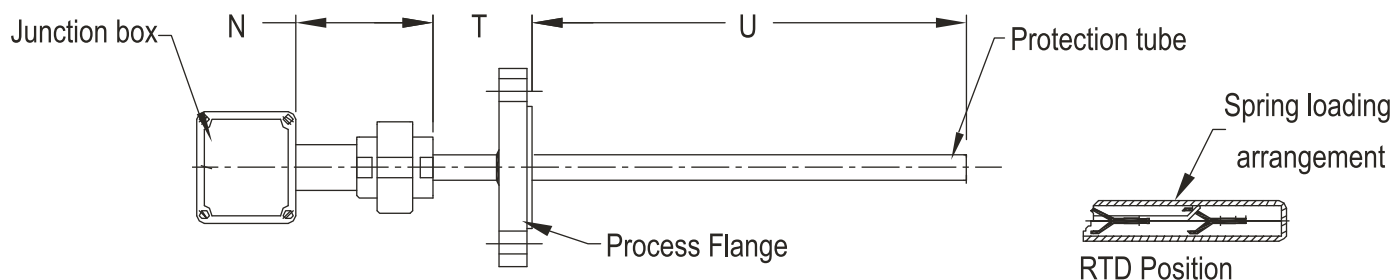


# RTD17

Multi-Point RTD Assembly With Protection Tune  
( With Spring Loading Arrangement )



## HOW TO ORDER

Code	No of Element
1	Simplex
2	Duplex

1

Code	Element Type
Pt -100	Pt - 100 RTD

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	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	4.0 mm
5	5.0 mm
6	6.0 mm
Consult factory for other size.	

7

Code	Sheath Material
316	SS 316

8

Code	Junction box Type
JWP	Junction box, weatherproof, IP-65 in die-cast Aluminium
JFP	Junction box, flameproof Gr. IIA IIB in die-cast Aluminium
JEP	Junction box, explosionproof Gr.IIC in die-cast Aluminium
BWP	Weatherproof Head, IP-65 in die-cast Aluminium with cover fitted with two screws.

9

- Reference standard :- IEC - 751 / DIN 43760

## APPLICATIONS:

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

## 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.)

# RTD17

Multi-Point RTD Assembly With Protection Tune  
( With Spring Loading Arrangement )

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
NU	Junction Box With Nipple & Union
F	Junction Box With Flexhose

12

Code	Protecting Tube Material
316	SS 316

13

Code	Protecting Tube		
	Size	OD in mm	Thickness in mm
N40	1/2"Sch.40	21.3	2.77
N80	1/2"Sch.80	21.3	3.74
R40	1"Sch.40	33.4	3.4
R80	1"Sch.80	33.4	4.5
T40	1.5"Sch.40	48.3	3.7
T80	1.5"Sch.80	48.3	5.1
U40	2"Sch.40	60.3	3.9
U80	2"Sch.80	60.3	5.5
	Other, Please Specify		

14

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

15

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

16

Code	T/W Insertion Length "U"mm
U	Specify in mm.

17

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

18

Code	T/W Extension Length "T"mm
T	Specify in mm.

19

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

20

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	Factory Calibration Certificate
SX	SS Tag Plate

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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

(Ordering Example)

**RTD 17** [1] (Pt-100) [FLM] [B] [4] [3W] [3] [316] [JWP] [4] [B] [NU] [316] [R40] [F316] [FF(2"150#RF)] [U=2000] [T=150] [N=200] [7]

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

U4=1200  
U3=1400  
U2=1600  
U1=1800