



## 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

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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

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Code	Sheath Diameter
3	3.0 mm
4	4.0 mm
5	5.0 mm
6	6.0 mm
Consult factory for other size.	

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Code	Sheath Material
316	SS 316

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- 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>s</sub>service application.)

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

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

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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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Code	Junction Box Extension Type
F	Junction Box With Flexhose

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

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

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

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

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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 :**

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)

<b>RTD 18</b>	1	(Pt-100)	FLM	B	4	3W	3	316	JWP	4	B	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