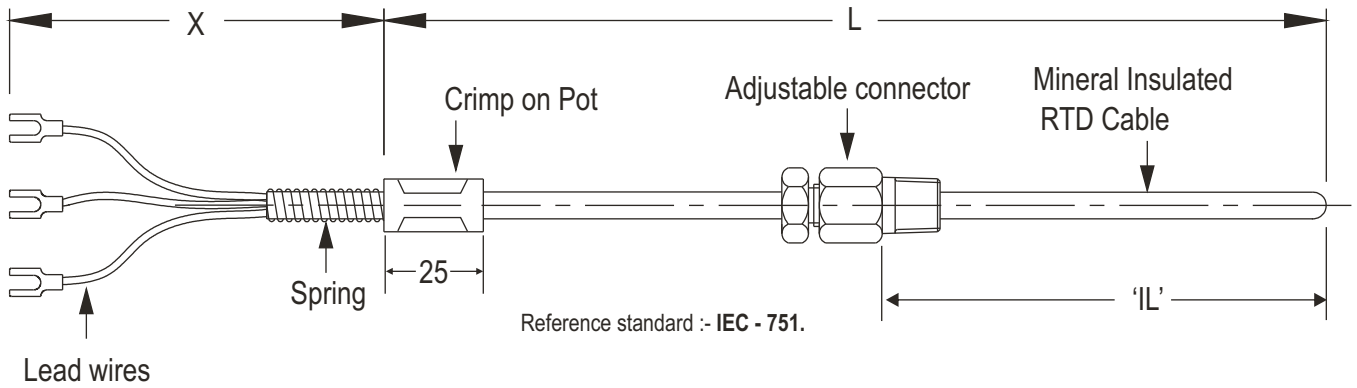


# RTD INSERT WITH TRANSITION JOINT

**RTD5**



## How to Order:

Code	No of Element
S	Simplex
D	Duplex

1

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

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

5

Code	Sheath Diameter
3	3.0 mm
3/ 2.8	3.0/ 2.8 mm*
6	6.0 mm
6/ 5	6.0/ 5.0 mm*
8	8.0 mm
8/ 5	8.0/ 5.0 mm*

Consult factory for other diameter.  
\* RTD Element will be enclosed in Ø3.0 mm SS 316 sheath & Extended by Ø2.8 mm Mineral Insulated lead out cable.

6

Code	Sheath Material
S6	SS 316

7

Code	Immersion Length 'IL' / Element Length 'L' mm
	Specify in mm.

8

Code	Lead Wire Length "X" mm
	Specify in mm.

9

## Application :

This design is used in General industry for temperature measurement.

## 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
Cold End Termination	Standard Plug & Jack Connector
Insertion Length 'IL' /	L = 300 mm
Process Connection	1/2"NPT(M) adj. connector in SS 316
Option Description	SS Tag Plate

## Special Features :

- ★ Mineral insulation.
- ★ RTD with adjustable process connection for adjustable insertion length.
- ★ Mineral insulation enables flexibility and Durability.

Code	Lead Wire Type
1	PTFE insulated lead wires.
2	PTFE / PTFE insulated lead wires.
3	PTFE / PTFE / SS braided lead wires.

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Code	Process Connection
15NM	½"NPT(M) adj. connector in SS 316
15NF	½"NPT(F) adj. connector in SS 316
15BM	½" BSP(M) adj. connector in SS 316
15BF	½" BSP(F) adj. connector in SS 316
	Other, please specify.

11

Code	Option Description
PW	Five Point 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)

(Ordering Example)

<b>RTD5</b>	S	Pt-100	DST	B	3W	6	S6	L=300	3000	3	15NM	SX
	1	2	3	4	5	6	7	8	9	10	11	12