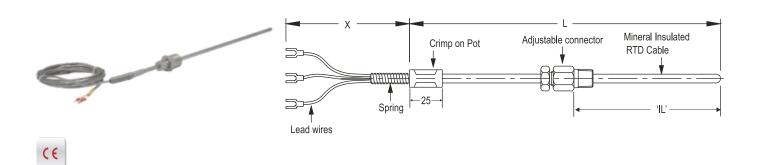




# RTD05

**RTD Assembly With Transition Joint** 



## **HOW TO ORDER**

Code	No of Element	
1	Simplex	
2	Duplex	

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

	Code	Range	
ſ	FLM	-200°C till 449°C	3
	CMC	450°C till 600°C	

Code	Accuracy	
Α	Class 'A' Tolerance as per IEC - 751	
В	Class 'B' Tolerance as per IEC - 751	

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

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 factory for other diameter.		

Code	Sheath Material	
304	SS 304 (Standard)	
316	SS 316	

Coc	de	Immersion Length 'IL' / Element Length 'L' mm	
		Specify in mm.	0
		Specity in mm.	

Code	Lead Wire Length "X" mm	
	Specify in mm.	9

### **SPECIAL FEATURES:**

- Mineral insulation.
- RTD with adjustable process connection for adjustable insertion length.
- Mineral insulation enables flexibility and Durability.
- Reference standard :- IEC 751 / DIN 43760

#### APPLICATIONS:

• 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 304 / SS 316

Immersion Length 'IL' /

Element Length 'L' mm - L = 300 mm
Lead Wire Length "X" mm - 3000 mm

Lead Wire Type - PTFE / PTFE / SS braided lead wire
Process Connection - 1/2"NPT(M) adj. connector in SS 304

Option Description - SS Tag Plate

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

Code	Process Connection
Α	1/2"NPT(M) adj. connector in SS 304
В	½"NPT(F) adj. connector in SS 304
С	1/2" BSP(M) adj. connector in SS 304
D	1/2" BSP(F) adj. connector in SS 304
	Other, please specify.

Code	Option Description	
PW	Factory Calibration Certificate	<del>1</del> 2
SX	SS Tag Plate	

#### Note:

1. When selecting option "PW", please also specify measuring temperature range. (For e.g.  $0/300^{\circ}\text{C}$ )

	(Ordering Example)											
RTD 05	1	Pt-100	FLM	В	3W	6	304	L=300	3000	2	Α	SX
	1	2	3	4	5	6	7	8	9	10	11	12

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