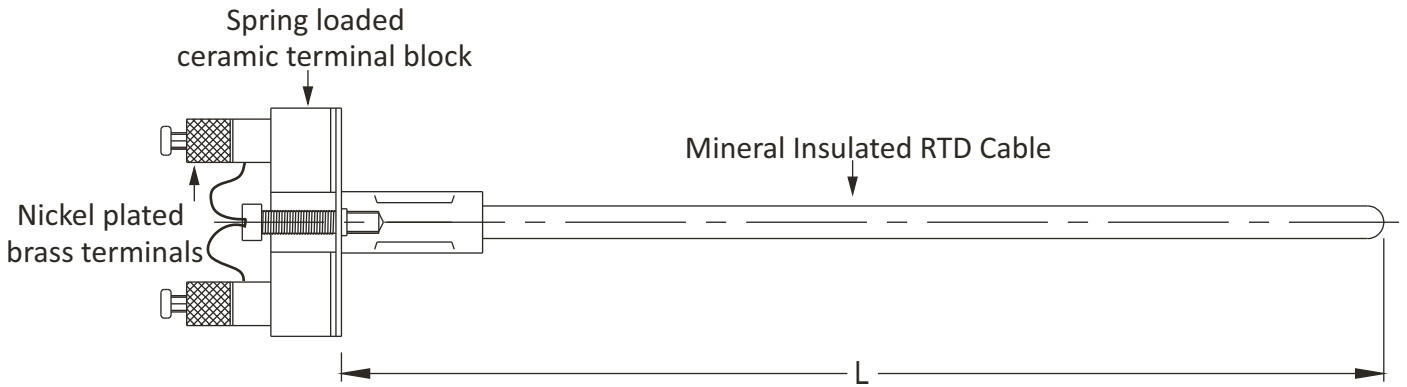


RTD INSERT WITH SPRING LOADED TERMINAL BLOCK // RTD7



Reference standard :- IEC - 751.

How to Order:

Code	No of Element
S	Simplex
D	Duplex

1

Code	Element Type
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*

6

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.

Code	Sheath Material
S6	SS 316

7

Application :

Used as a spare or replacement RTD element in existing RTD assembly

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.
- ★ Spring loaded design for positive contact with Thermowell
- ★ Mineral insulation enables flexibility and Durability.

Code	Cold End Termination
1	Spring loaded terminal block OD = 41.0 mm PCD = 33 mm
2	Spring loaded terminal block OD = 55.0 mm PCD = 46 mm

8

Code	Element Length "L" mm
	Specify in mm.

9

Code	Option Description
PW	Five Point Factory Calibration Certificate
SX	SS Tag Plate

10

Note :

1. When selecting option "PW", please also specify measuring temperature range.
(For e.g. 0/300°C)

(Ordering Example)

RTD7	S	Pt-100	DST	B	3W	6	S6	1	300	SX
	1	2	3	4	5	6	7	8	9	10