

Special Features :

- Mineral Insulation enables Flexibility and Durability.
- RTD with adjustable process connection for adjustable insertion length.

Applications :

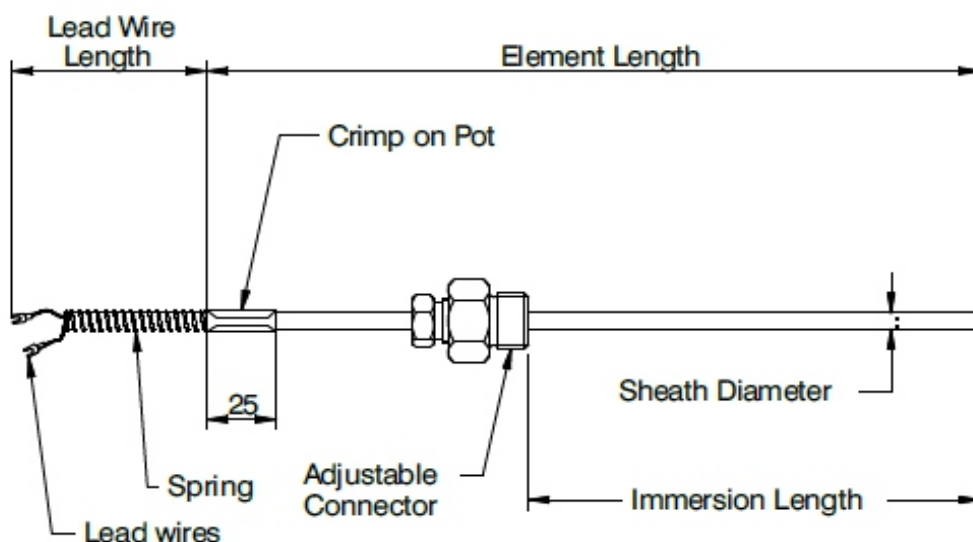
- Furnace, Ovens & Boilers
- Machineries, Plats & Tanks
- Water & waste-water Treatment
- Power & Utilities

Specifications

STANDARD VERSION

No. Of Element	: Simplex
Element Type	: PT-100 RTD
Range	: -200°C till 400°C
Accuracy	: Class 'B' Tolerance as per IEC - 751 / DIN 43760
Wire Configuration	: 3 Wires
Sheath Diameter	: 6.0mm
Sheath Material	: AISI 316 SS
Element Length	: 300mm
Cold End Termination	: Crimp-On Pot
Lead Wire Type	: PTFE / PTFE / SS Braided
Lead Wire Length	: 3000mm
Process Connection	: ½" NPT(M)

Dimensional Details :



Note: Drawings are not to scale. All Dimensions are in mm.

SELECTION OF MODEL

(1) MODEL CODE

RTD03

(2) NO OF ELEMENT

S

SIMPLEX	S
DUPLEX (Above Sheath Dia. 3mm)	D

(3) ELEMENT

PT01

PT-100 RTD	PT01
PT-500 RTD	PT05
PT-1000 RTD	PT10

(4) WIRE CONFIGURATION

3

2 WIRE	2
3 WIRE	3
4 WIRE	4

(5) SHEATH MATERIAL

S6

AISI 316 SS	S6
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(6) SHEATH DIAMETER

6

3.0mm	3.0
4.5mm	4.5
6.0mm	6.0
8.0mm	8.0

(7) COLD END TERMINATION

CE1

Crimp-On Pot Sealed	CE1
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(8) ELEMENT LENGTH

300mm

PLEASE SPECIFY IN MM

(9) LEAD WIRE LENGTH

3000mm

PLEASE SPECIFY IN MM / METER

(10) LEAD WIRE TYPE

3

PTFE Insulated	1
PTFE / PTFE Insulated	2
PTFE / PTFE / SS Braided	3
PTFE / FG / SS Braided	4
PTFE/Silicon	5

(11) PROCESS CONNECTION TYPE

AD

Adjustable Connection	AD
Fixed connection	FX

(12) PROCESS CONNECTION

4NM

1/4" NPT(M)	2NM
1/4" BSP(M)	2BM
3/8" NPT(M)	3NM
3/8" BSP(M)	3BM

1/2" NPT(M)	4NM
1/2" BSP(M)	4BM
3/4" NPT(M)	5NM
3/4" BSP(M)	5BM

NOTE : Other connections are available on request.

SELECTION OF MODEL

(13) OPTIONS

XX

Accuracy - Class "A" as per Standard	AA
Calibration Certificate	CC
SS Tag Plate	TS

Example	1	2	3	4	5	6	7	8	9
SELECTION OF MODEL	RTD03	S	PT01	3	S6	6	Ce1	300mm	3000mm

Example	10	11	12	12
SELECTION OF MODEL	3	AD	4NM	XX

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