

Special Features :

- Mineral Insulation enables for use at Higher Temperature.
- RTD with adjustable process connection for adjustable insertion length.
- Available in Various standard Sheath diameters and Sheath materials.
- Cold end termination will be with Plug and Jack connector for quick disconnection type application.
- Standard followed in general IEC - 751 / DIN 43760

Applications :

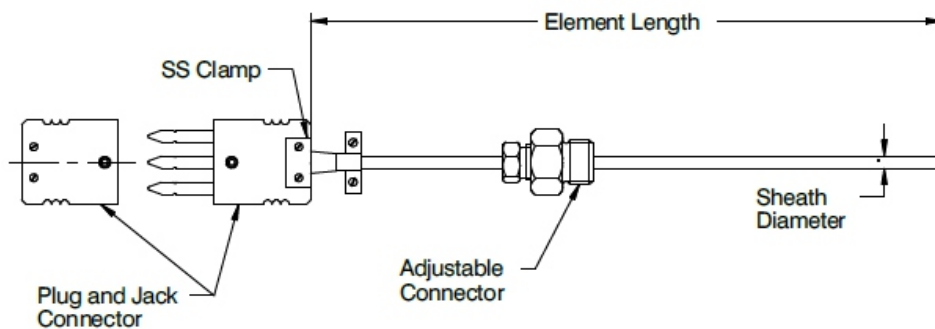
- Power & Utilites
- Auto-clave Applications
- Pharmaceuticals

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	: Standard Plug & Jack Connector
Process Connection	: ½" NPT(M)

Dimensional Details :



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

SELECTION OF MODEL

(1) MODEL CODE

(2) NO OF ELEMENT

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

RTD04

S

SELECTION OF MODEL

(3) ELEMENT

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

(4) WIRE CONFIGURATION

2 Wire	2
3 Wire	3
4 Wire	4

(5) SHEATH MATERIAL

AISI 316 SS	S6
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(6) SHEATH DIAMETER

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

(7) COLD END TERMINATION

Standard Plug & Jack Connector	P1
Miniature Plug & Jack Connector	P2
Standard Omega Plug & Jack Connector	P3

(8) ELEMENT LENGTH

PLEASE SPECIFY IN MM

(9) PROCESS CONNECTION

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.

(10) OPTIONS

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	TC04	S	K	U	S6	6	P1	300mm	4NM

Example	10
SELECTION OF MODEL	XX

PT01

3

S6

6

P1

300mm

4NM

XX