

Special Features :

- Mineral Insulated with compact MgO Powder.
- Spring loaded design for positive contact with Thermowell.
- Exchangeable Insert.
- Sanitary connections are available in size of 1", 1 ½", 2", 2 ½".
- Mounting is very easy and quick.
- Available in Various Connections & sheath diameter.
- Standard followed in general IEC - 751 / DIN 43760.

Applications :

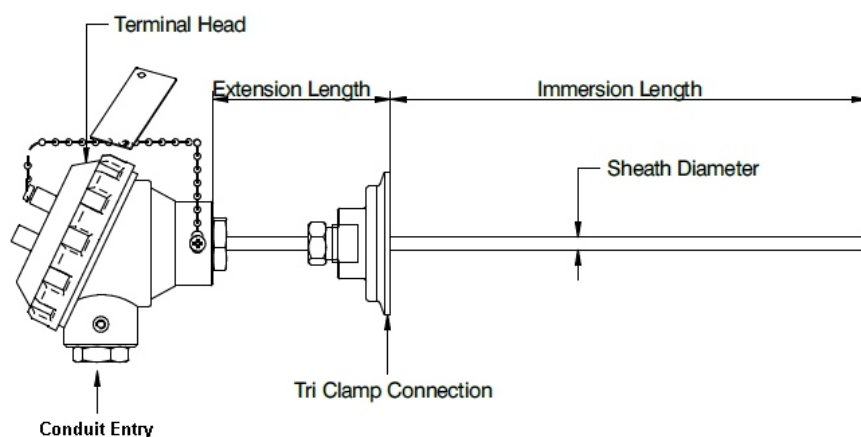
- Food & Beverages Industries
- Pharmaceutical Industries

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 Wire
Sheath Diameter	: 6.0mm
Sheath Material	: AISI 316 SS
Head Enclosure	: Weather Proof IP 65
Enclosure Material	: Die-Cast Aluminum
Number of Conduit Entry	: Single Entry
Conduit Entry Size	: ¾" ET(F)
Head Extension Type	: Tri-clamp Connection
Immersion Length	: 300mm
Extension Length	: 50mm
Process Connection	: 1 ½" Tri-Clamp (AISI 316 SS)

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. 5mm)	D

(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 DIAMETER

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

(6) HEAD ENCLOSURE

Weather Proof IP 65	W1
Weather Proof IP 67	W2
Screwed type, Flame Proof IP 67, GR. IIA, IIB	FP
Screwed type, Explosion Proof IP 67, Gr. IIC	EP
Hinged type, Weather Proof IP 67	HT

(7) ENCLOSURE MATERIAL

Die-cast Aluminum	DA
AISI 304 SS	S4
AISI 316 SS	S6

(8) NO. OF CONDUIT ENTRY

Single Entry	1
Double Entry	2

(9) CONDUIT ENTRY SIZE

¾" ET(F)	3ET
½"NPT(F)	4NF
M20 x 1.5mm(F)	4MM

(10) TRI-CLOVER CONNECTION SIZE

1"	1.0
1 ½"	1.5

2"	2.0
2 ½"	2.5

(11) IMMERSION LENGTH

PLEASE SPECIFY IN MM

(12) EXTENSION LENGTH

PLEASE SPECIFY IN MM

RTD06

S

PT01

3

6

W1

DA

1

3ET

XX

300mm

50mm

SELECTION OF MODEL

(13) OPTIONS

XX

Accuracy - Class "A" as per Standard	AA
Calibration Certificate	CC
SS Tag Plate	TS
Process Connection - Adjustable	AD
S.C. Cable Gland in Ni-Brass - WP	01
D.C. Cable Gland in Ni-Brass - WP	02
S.C. Cable Gland in SS 304 - WP	03
D.C. Cable Gland in SS 304 - WP	04
S.C. Cable Gland in SS 316 - WP	05
D.C. Cable Gland in SS 316 - WP	06
S.C. Cable Gland in Ni-Brass - FP	07
D.C. Cable Gland in Ni-Brass - FP	08

S.C. Cable Gland in SS 304 - FP	07
D.C. Cable Gland in SS 304 - FP	08
S.C. Cable Gland in SS 316 - FP	09
D.C. Cable Gland in SS 316 - WP	10
Plug for Conduit Entry in SS 304	11
Plug for Conduit Entry in SS 316	12
SS Base Plate for Transmitter	13
Head Mounted Transmitter (4-20mA)	14
1" Clamp with Gasket	15
1 ½" Clamp with Gasket	16
2" Clamp with Gasket	17
2 ½" Clamp with Gasket	18

Example	1	2	3	4	5	6	7	8	9
SELECTION OF MODEL	RTD06	S	PT1	3	6	W1	DA	1	3ET

Example	10	11	12	13
SELECTION OF MODEL	XX	300mm	50mm	XX

Note:

- When Selecting Option "CC", Please also specify temp. Points at which calibration is to be carried out.
- Explanation of Abbreviations used.

S.C. - Single Compression	SS - Stainless Steel
D.C. - Double Compression	FP - Flame Proof
WP - Weather Proof	
- Other Sheath diameters, Materials and Connections are available, Please consult factory for more detail.

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