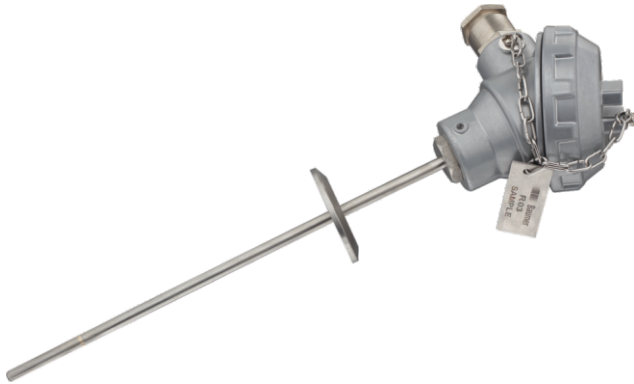




Special Features

- Mineral insulated cable.
- Spring loaded design for positive contact with thermowell
- Available in various connections & sheath diameters
- Sanitary connections are available in size of 1", 1½", 2", 2½"
- Mounting is very easy & quick
- Enclosures (Head)
Weatherproof IP - 67
- Transmitter output 4 - 20 mA (Optional)
- Reference standard : IEC - 751 / DIN 43760.

Applications

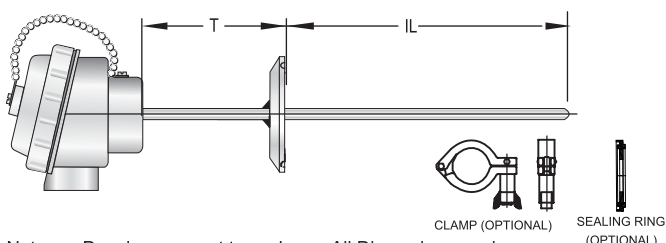
- Sanitary application, food industries etc

Specifications

Standard Version

No of element	: Simplex
Element type	: Pt - 100
Range	: -70 till 500°C
Accuracy	: Class 'B' tolerance as per IEC - 751 / DIN 43760
Wire configuration	: 3 Wire System
Sheath diameter	: 6.0 mm
Sheath material	: SS 316
Terminal head type	: Screwed type, Weatherproof, IP-65 in Die Cast Aluminum
No. of conduit entry	: One
Conduit entry size	: 3/4" ET(F)
Sanitary connection	: 1½", SS 316
Immersion length "IL"mm	: 150 mm.
Extension length "T"mm	: 50 mm.
Tag plate	: SS Tag plate

Dimensional Details



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

How To Order

Example

Basic Model					R03		
Optional Extras							
No of Element	1	Simplex (Standard)		2	Duplex	X	
Element type	P1	Pt - 100					
Range	C	-70 till 500 ^o C				X	
Accuracy	A	Class ‘A’		B	Class ‘B’	X	
Wire Configuration							
2	2 Wire system		3	3 Wire system (Standard)		X	
4	4 Wire system						
Sheath Diameter							
03	3.0 mm		06	6.0 mm (Standard)		XX	
05	4.5 mm		08	8.0 mm			
Sheath Material							
1	SS 316 (Standard)		2	SS 316L		X	
Terminal Head Type							
F Screwed type, Flameproof, IP-67 Gr. IIA IIB in Die Cast Aluminium						X	
E Screwed type, Explosion proof, IP-67, Gr. IIC in Die Cast Aluminium							
H Hinged type, Weatherproof, IP-67 in Die Cast Aluminium							
B Weatherproof Head, IP-67 in Die-cast Aluminium							
A Screwed type weatherproof, IP-65 in Die Cast Aluminium							
C Screwed type weatherproof, IP-68 in Die Cast Aluminium							
3 Terminal head in SS 304 - WP , IP-67							
4 Terminal head in SS 316 - WP , IP -67							
* For other option contact factory							
No of Conduit Entry / Entries							
1	One entry (Standard)		2	Double entry		X	
Conduit Entry Size							
A	3/4" ET (Standard)		B	1/2" NPT(F)		X	
Sanitary Connection Size							
A	1"	B	1½" (Standard)		C 2"	D 2½"	X
Immersion Length			IL - Specify in mm			150 mm	
Extension Length			T - Specify in mm			50 mm	
Other Options							
13	Head mounted Temperature transmitter(4-20 mA)					XX	
14	SS Base plate suitable for temperature transmitter						
21	Plug for conduit entry in carbon steel						
22	Plug for conduit entry in SS 304						
23	Plug for conduit entry in SS 316						
32	S. C. cable gland in Nickel plated Brass - WP						
33	D. C. cable gland in Nickel plated Brass - WP						
34	S. C. cable gland in SS 304 - WP						
35	D. C. cable gland in SS 304 - WP						
36	S. C. cable gland in SS 316 - WP						
37	D. C. cable gland in SS 316 - WP						
39	D. C. cable gland in Nickel plated Brass - FLP						
41	D. C. cable gland in SS 304 - FLP						
43	D. C. cable gland in SS 316 - FLP						
44	Plug for conduit entry in AL						
45	D. C. cable gland in Nickel plated brass						
46	D. C. cable gland in SS304						
47	D. C. cable gland in SS316						
FC	Fixed Threaded Connection						
AC	Adjustable Threaded Connection						
PW	Calibration Certificate						
SX	SS Tag Plate						

Note :

1. When selecting option "PW", please also specify temp. points at which calibration is to be carried out .
2. Explanations of Abbreviations used:
SC = Single Compression SS = Stainless Steel
DC = Double Compression FLP = Flameproof
WP = Weatherproof

Ordering Example :

R03 . X . X . X . X . XX . X . X . X . X . X . 150mm - 50mm - XX