



GOST

Special Features

- Mineral insulated cable.
- Spring loaded design for positive contact with thermowell
- Available in various connections & sheath diameters
- Enclosures (Head)
 - Weatherproof IP - 67
 - Flameproof Gr. IIA, IIB
 - Explosion proof IIA, IIB, IIC
- Transmitter output 4 - 20 mA (Optional)
- Reference Standard : IEC - 751 / DIN 43760

Application

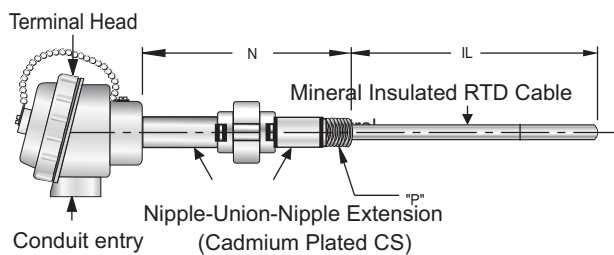
- Such design is generally used in all industries, machinery manufactures, bearing temp. measurement etc. where space is limited.

Specifications

Standard Version

No of element	:	Simplex
Element type	:	Pt - 100
Range	:	-200°C till 450°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
Cable gland	:	3/4" ET, Nickel plated brass, single compression
Head extension type	:	Head with nipple union nipple extension
Immersion length "IL"mm	:	150 mm.
Process conn. "P"	:	½" BSP (M), SS 316
Tag plate	:	Aluminum tag plate

Dimensional Details



Nipple - Union - Nipple Connection

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

How To Order	Example	How To Order	Example
Basic Model	R02	Cable Gland	
Optional Extras		A 3/4" ET (Standard) B 1/2" NPT(F)	X
No of Element		C 3/4" NPT(F)	
1 Simplex (Standard)		Head Extension Type	
2 Duplex	X	E Head with nipple extension	
Elements Type		U Head with nipple union extension	X
P1 Pt- 100 (Standard)		N Head with nipple union nipple extension	
P2 Pt- 500	XX	Immersion Length / Element Length	
P3 Pt - 1000		IL - Specify in mm.	150mm
Range		Process conn. "P"	
C -200°C till 450°C	X	4NM 1/2"NPT (M) 5NM 3/4" NPT (M)	
Accuracy		4NF 1/2"NPT (F) 5NF 3/4" NPT (F)	XXX
A Class 'A'		4BM 1/2"BSP (M) (Standard) 5BM 3/4" BSP (M)	
B Class 'B' (Standard)	X	4BF 1/2"BSP (F) 5BF 3/4" BSP (F)	
Wire Configuration		Other Options	
2 2 Wire system 3 3 Wire system (Standard)	X	13 Head mounted transmitter (4-20 mA)	
4 4 Wire system		14 SS base plate suitable for temperature transmitter mounting	
Sheath Diameter		21 Plug for conduit entry in carbon steel	
03 3.0 mm 06 6.0 mm (Standard)	XX	22 Plug for conduit entry in SS 304	
05 4.5 mm 08 8.0 mm		23 Plug for conduit entry in SS 316	
Sheath Material		32 S. C. cable gland in nickel plated brass - WP	XX
1 SS 316 (Standard)	X	33 D. C. cable gland in nickel plated brass - WP	
2 SS 316L		34 S. C. cable gland in SS 304 - WP	
Terminal Head Type		35 D. C. cable gland in SS 304 - WP	
F Screwed type, Flameproof, IP-67, Gr. IIA IIB in Die Cast Aluminum		36 S. C. cable gland in SS 316 - WP	
E Screwed type, Explosion proof, IP-67, Gr. IIC in Die Cast Aluminum	X	37 D. C. cable gland in SS 316 - WP	
H Hinged type, Weatherproof, IP-67 in Die Cast Aluminum		38 S. C. cable gland in nickel plated brass - FLP	
B Weatherproof Head, IP-67 in Die Cast Aluminum with cover fitted with two screws.		39 D. C. cable gland in nickel plated brass - FLP	
A Screwed type, weatherproof, IP-65 in Die Cast Aluminum (Standard)		40 S. C. cable gland in SS 304 - FLP	
3 Terminal head in SS 304 - WP, IP-67		41 D. C. cable gland in SS 304 - FLP	
4 Terminal head in SS 316 - WP, IP-67		42 S. C. cable gland in SS 316 - FLP	
5 Terminal head in cast iron, IP-65		43 D. C. cable gland in SS 316 - FLP	
No of Conduit Entry / Entries		EC Head with nipple extension 50 mm in CS	
1 One entry (Standard)	X	E4 Head with nipple extension 50 mm in SS 304	
2 Double entry		E6 Head with nipple extension 50 mm in SS 316	
		UC Head with nipple extension 100 mm in CS	
		U4 Head with nipple extension 100 mm in SS 304	
		U6 Head with nipple extension 100 mm in SS 316	
		NC Head with nipple extension 150 mm in CS	
		N4 Head with nipple extension 150 mm in SS 304	
		N6 Head with nipple extension 150 mm in SS 316	
		AC Adjustable threaded connection	
		PW Calibration certificate	
		SX SS tag plate	

Note :

- When selecting option "PW", please also specify temp. Points at which calibration is to be carried out .
- Explanations of Abbreviations used:

SC = Single Compression SS = Stainless Steel DC = Double Compression FLP = Flameproof WP = Weatherproof

Ordering Example : R02 . X . XX . X . X . X . XX . X . X . X . X . X . 150 mm . XXX . XX
Note : Specifications and dimensions given in this product catalogue represents the state of engineering at the time of printing. Modifications may take place and materials specified may be replaced by others without prior notice.