



TE02

TEMPERATURE SENSOR FLAMEPROOF



Introducing TE02, the Futuristic Flameproof Temperature Sensor series, perfect for diverse applications like ovens, hot air generators, thermic heaters, cooling water systems, hvac units and more.

It offers the option of integrating a temperature transmitter inside the head, streamlining the setup process and delivering 4-20mA, 2-wire output. This advanced feature enhances efficiency and accuracy in temperature monitoring, making TE02 the ideal choice for precision-driven applications.

SPECIFICATIONS

Sensing Element	: DIN PT100/ PT1000/ NTC Sensor
Temperature Range	: -50 to 550°C
Accuracy	: Class A $\pm 0.15\%$
Response Time	: T50 = 9s T90 = 28s
Sleeve MOC	: SS316
Sleeve OD	: 6 mm
Sleeve Length	: in mm (as per order)
Sleeve End	: Closed
Head	: Suitable for Group IIA, B or IIC Cover with chain
Protection	: IP65
Electrical Connection	: Double compression cable gland
Process Connection	: ½" BSP M (adjustable or as per code)
Transmitter	: Optional transmitter 4-20mA , 2wire Fitted inside head

ORDERING CODE

S.No	Temperature Series	TE02		
1.	Media	X	L	Gas/Liquid (sleeve end closed)
2.	Element Type	X	A	PT100
			B	PT1000
			C	NTC10K
			D	NTC20K
3.	Element Numbers	X	S	Simplex
			D	Duplex
4.	Wire Configuration	X	3	3 wire
5.	Sleeve OD (mm)	XX	06	6 mm
6.	Sleeve Length (mm)	XXX	170	170 mm
7.	Process Connection	X	B	BSP M
			N	NPT M
			T	Triclover
			F	Flange as per ANSI B16.5
			S	Special

8.	Process Connection Size	XXX	010	3/8" Threaded
			015	1/2" Threaded
			A25	1" #150
			B25	1" #300
9.	Process Connection Type	X	F	Fixed
			A	Adjustable
10.	Cable Entry	X	1	1 Entry
11.	Cable Entry Size/Thread Type	X	B	1/2" NPT
12.	Cable Gland Type	X	F	Plated Brass, Double Compression
13.	Transmitter	X	N	None
			T	Transmitter Fitted
14.	Other Options	XX	TP	Tag Plate in SS304
			CC	Calibration Certificate

Example Code : TE02-L-A-S-3-06-170-B-015-A-1-B-F-N



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