



Flameproof Temperature Sensor series TE02

Futuristic Technologies



www.futuristicclimatecontrols.in



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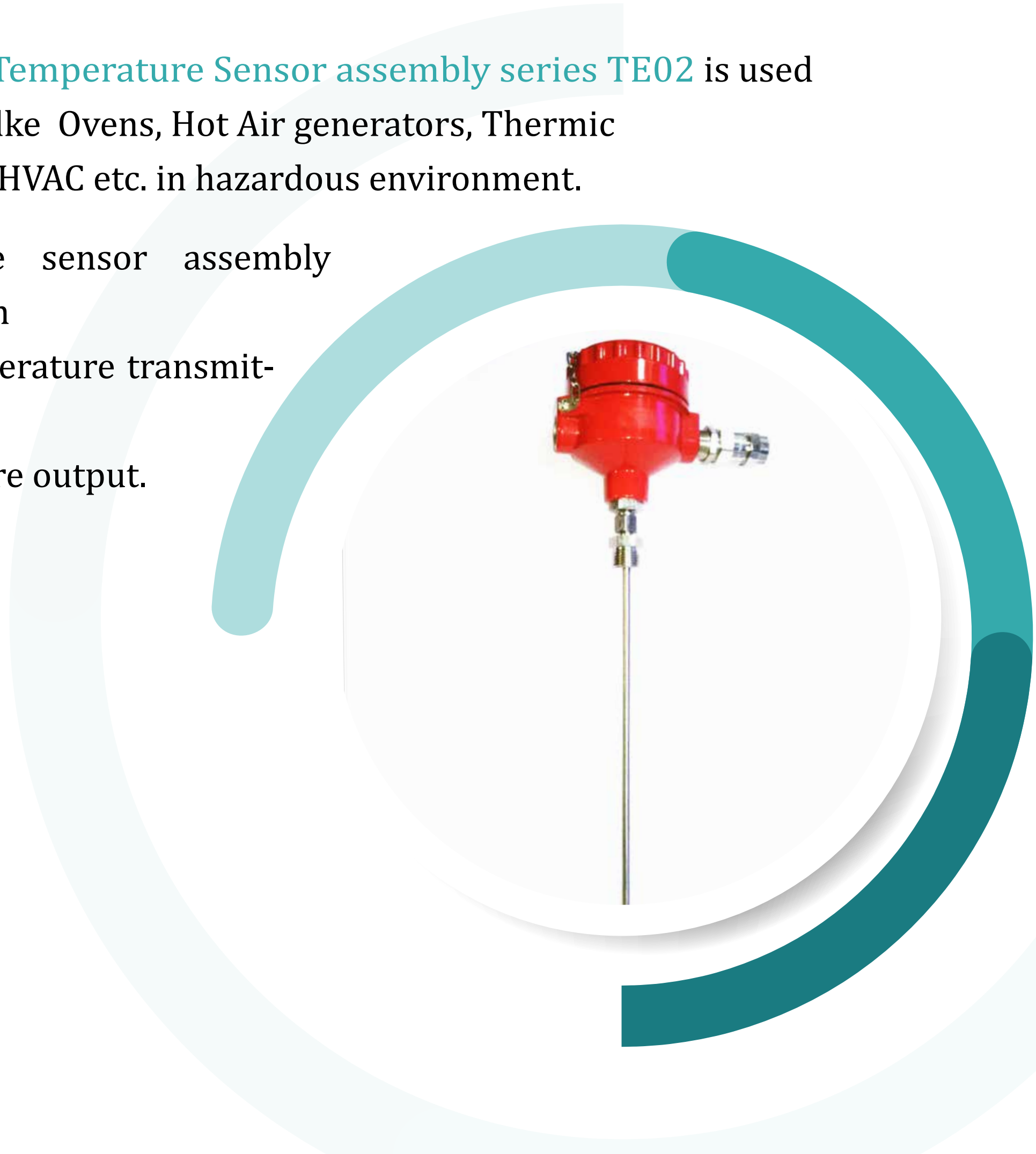


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Futuristic Flameproof Temperature Sensor assembly series TE02 is used In diverse applications like Ovens, Hot Air generators, Thermic Heaters, Cooling water, HVAC etc. in hazardous environment.

Futuristic temperature sensor assembly TE02 is also offered with Option of fitting a temperature transmitter inside head thus Providing 4-20mA, 2 wire output.



Specifications

Parameter

Sensing Element	DIN Pt100 / Pt1000 / NTC sensor
Temp. Range	-50 to 550 deg C
Accuracy	Class A ± 0.15%
Sleeve MOC	SS316
Sleeve OD	6 mm
Sleeve Length	in mm (As per order)
Sleeve End	Closed
Flameproof Head	Cover with Chain Suitable for Group II A, B or II C
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 :

Series	TE02		
Media	X	A	Air
		L	Liquid
Element Type	X	A	Pt100
		B	Pt1000
		C	NTC10K
		D	NTC20K
Element Nos	X	S	Simplex
		D	Duplex
Sleeve Length mm	XXX	170	170mm
		300	300mm
Process Connection	X	N	None
		L	L Bracket, Fixed
		A	1/2" BSP M Adjustable
		B	Flange Adjustable
		C	1/2" NPTM Adjustable
Transmitter	X	N	None
		T	Transmitter Fitted

Example Code : TE02-L-A-S-170-A-N