



Temperature Sensor series

TE01

Futuristic Technologies



www.futuristicclimatecontrols.in



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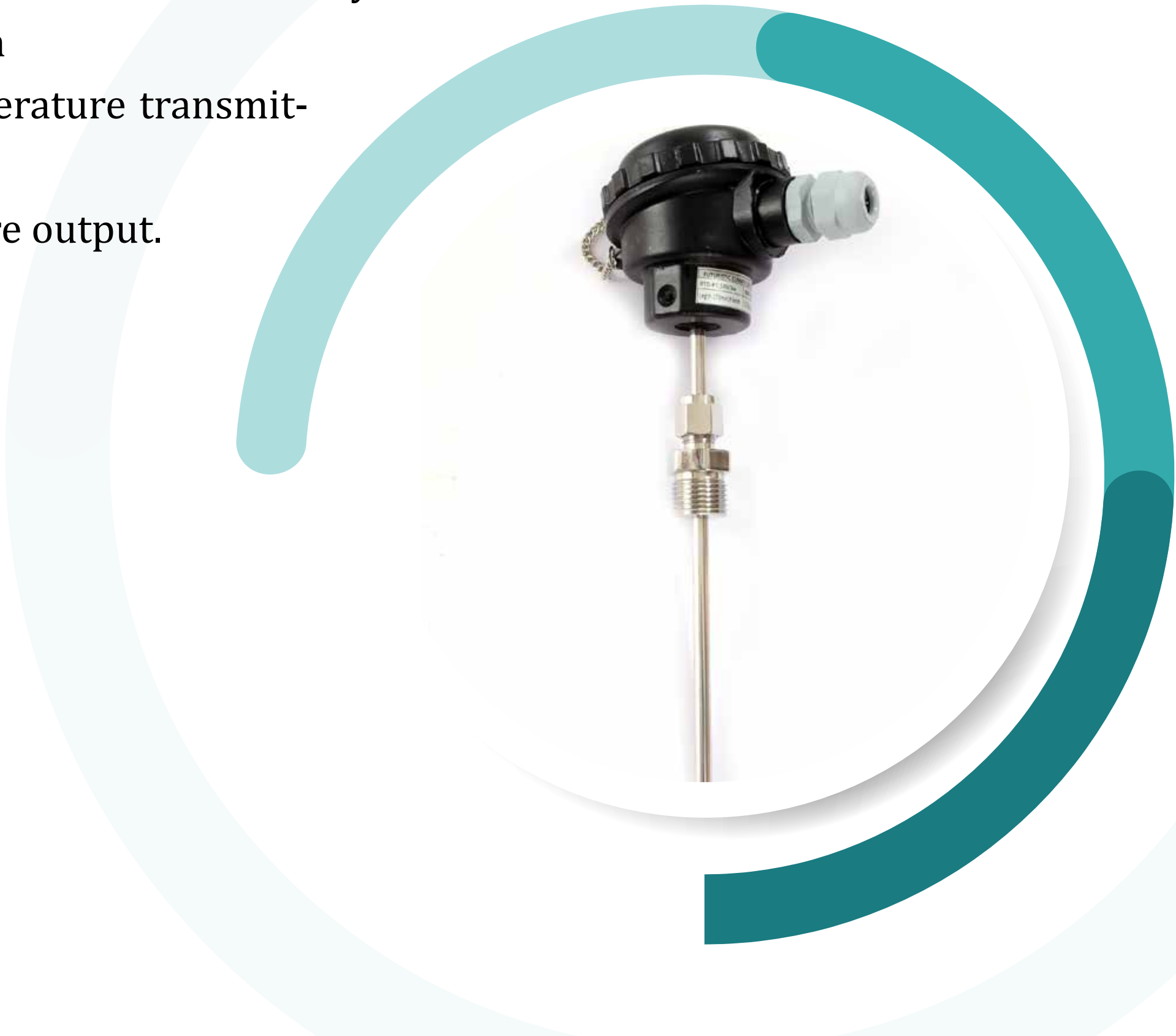


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Futuristic Temperature Sensor assembly series TE01 is used In diverse applications like Ovens, Hot Air generators, Thermic Heaters, Cooling water, HVAC etc.

Futuristic temperature sensor assembly TE01 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	Open for media Air Closed for other media
Head	Aluminium Die Cast Cover with Chain
Protection	IP65
Electrical Connection	Cable Gland PG11
Process Connection	½" BSP M Adjustable or as per code
Transmitter	Optional transmitter 4-20mA , 2wire fitted inside head



Ordering Code :

Series	TE01		
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 : TE01-L-A-S-170-A-N