Duct and Immersion Building Automation Temperature Sensor

Available up to 18" Probe Length, Thermistor or RTD Outputs

Models Select Chart

EXAMPLE	TE	IBN	A	04	4	4	12	Series TE-IBN-A0444-12 Immersion Probe, 10K type 3 thermistor, 4" probe length, 1/4" probe diameter, 4" flying leads, with 1/2" NPT connection.
SERIES	TE							Duct and Immersion Building Automation Temperature Sensor
MOUNTING CONFIGURATION		DFN DFG DFW IBN IBG IBW						Duct Flange Probe Only (not w/ Connection 12,14) Duct Flange In Housing (not w/ Connection 12,14) Duct Flange NEMA 4X Housing (not w/ Connection 12,14) Immersion Probe Only Immersion in Housing (not w/ Connection 00) Immersion NEMA 4X Housing (not w/ Connection 00)
SENSOR TYPE			A B C D E F G H I J K L M P					10K Type III Thermistor 10K Type II Thermistor 3K Ohm Thermistor PT100 Ohm RTD PT1000 Ohm RTD 20K Thermistor 1.8K Thermistor 5K Thermistor 100K Thermistor 2.252 Thermistor NI 1000 Ohm RTD Balco NI 1000 Ohm RTD PT100 Ohm RTD 1/10 DIN (3-wire) PT1000 Ohm RTD 1/10 DIN (3-wire)
PROBE LENGTH				25 04 06 08 12 18				2.5" 4" 6" 8" 12" 18"
PROBE DIAMETER					4			1/4"
TERMINATION						1 2 3		4" Flying leads w/female connector Molex recept 4" Flying leads w/male connector Mate-N-Loc plug 4" Flying leads spade terminals

						4		4" Flying leads terminal block	
						5		8' Plenum cable w/female connector Molex recept	
						6		8' Plenum cable w/male connector Mate-N-Loc plug	
						7		8' Plenum cable spade terminals	
						8		8' Plenum cable	
FITTINGS							00	None (Integral)	
							12	1/2" NPT Compression Fitting	
							14	1/4" NPT Compression Fitting	

Specifications:-		
Accuracy	:	Thermistor temperature sensor: ±0.22°C @ 25°C (±0.4°F @ 77°F); RTD temperature sensor DIN Class A: ±0.15°C @ 0°C (±0.28°F @ 32°F).
Temperature Limits	:	Operating: -40 to 302°F (-40 to 150°C).
Sensor Curves	:	See **Resistance vs. Temperature Table**.
Cable Rating	:	Plenum option includes UL listed plenum cable.
Housing Material	:	Meets UL, 94 V-O polycarbonate plastic.
Thermowell Material	:	TE-I: 304 SS.
Housing Rating	:	NEMA 4X (IP66) (DFW, IBW only).
Weight	:	5.3 oz (150.3 g).
Agency Approvals	:	Meets the technical requirements of EU Directive 2011/65/EU (RoHS II).