

TE-701-BX

SPECIFICATIONS:

Platinum RTD sensors:	+/- 0.1% @ 0 C, Alpha : 385 per DIN 43760
Nickel RTD sensors: (#2)	+/- 0.5 C @ 0 C, 5000 PPM/K T.C.R.
Nickel RTD sensors: (#4)	+/- 0.5 F @ 70 F / 21.1 C, 6000 PPM/K T.C.R.
Balco RTD sensors:	+/- 0.5 F @ 70 F / 21.1 C, 4300 PPM/K T.C.R.
Thermistor sensors:	+/- 0.2 C interchangeability @ 77 F / 25 C
Probe Material:	1/4" / 6.3 mm O.D, 0.020" / 0.5 mm wall 304 Stainless Steel
Flange Material:	Galvanized Steel
Operating Temp:	-40F/-40C to 210F/100C
Ambient Temp:	-40F/-40C to 160F/70C
Warranty:	Five Years (Lifetime on Moisture Migration)
EMC Conformance:	EN 55022, 55024, 61000-3-3, 61000-4-2, 3, 4, 5, 6 & 11
RoHS Compliant	

Covered under: U.S. PATENT NO. 6457857, 7036224

ORDERING INFORMATION: TE-701-BX

Temperature Sensor	Probe Length
1 100 ohm Platinum RTD	A 4 inches/100mm
2 1,000 ohm Nickel RTD (5000 PPM)	B 6 inches/150mm
3 1,000 ohm Platinum RTD	
4 1,000 ohm Nickel RTD (6000 PPM)	
5 1,000 ohm Balco RTD	
7 10,000 ohm NTC thermistor (Type III)	
8 10,000 ohm NTC thermistor (Carel)	
10 3,000 ohm NTC thermistor	
12 10,000 ohm NTC thermistor (Type II)	
13 5,000 ohm NTC thermistor	
14 1,035 ohm Silicon PTC	
15 100,000 ohm NTC thermistor	
16 10,000 ohm NTC thermistor (Eliwell)	
17 20,000 ohm NTC thermistor	
18 2,252 ohm NTC thermistor	
21 1,800 ohm NTC thermistor	

Example: TE-701-BX-12-A: VAV Discharge Air Temp Sensor with 10,000 ohm NTC thermistor (Type II) and 4 inch probe length.

* For sensor compatibility, please refer to TI.700-10.

** For a complete **Resistance vs. Temperature** tables, please refer to TI.700-11.

*** For additional information including dimensional drawings, please refer to DN701/2.4.

CAUTION: Do not use in explosive/hazardous environment or with flammable/combustible media.