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
Operating Temp:	-40F/-40C to 210F/100C
Probe Material:	3/8" / 9 mm Bendable aluminum
Flange Material:	Galvanized Steel
Steel NEMA-1 / IP-30:	18 Ga. Galvanized Steel
Steel NEMA-4 / IP-65:	18 Ga. Cold Rolled Steel, Baked on Enamel
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

U.S. PATENT NO. 6592254, 7465087

ORDERING INFORMATION: TE-705-

Installation

- **B** Galvanized Steel Enclosure NEMA-1 / IP-30
- **C** Painted Steel Enclosure NEMA-4 / IP-65

Sensor*

- **1** 100 ohm Platinum RTD
- **2** 1,000 ohm Nickel RTD (5000 PPM)
- **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

Probe Length

- **A** 6 feet/1.8 m
- **B** 12 feet/3.6 m
- **C** 24 feet/7.2 m

Probe Type

- **1** Bendable 3/8" Aluminum

Example: *TE-705-B-10-B-1:* *Duct Averaging Temp Sensor, NEMA-1 enclosure, 12' bendable 3/8" aluminum, 3,000 ohm NTC thermistor*

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

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