**Temperature Sensors**

**AIR/DUCT**

Air/Duct Temperature Sensors are available in precision platinum, nickel, or balco RTDs and interchangeable NTC thermistors. Sensors are constructed with a hermetically sealed 304 SS sheath and are unaffected by high humidity, contamination, thermal shock or vibration. Flange mount sensors offer low profile mounting and quick installation directly into duct work. Rugged air/duct sensors are ideal for air handlers, fan coil units, ducts, furnaces, freezers, ovens and other through wall temperature sensing applications.

**SPECIFICATIONS**

- **Installation:** 1 - Flange mount
  3" (75 mm) wire leads
  2 - Flange mount
  6" (1.8 m) cable
  5 - Flange mount with NEMA 4X housing

- **Sensor Type:**
  1 - Pt 100 Ohm RTD
  2 - Pt 1000 Ohm RTD
  3 - Ni 1000 Ohm RTD
  4 - 1000 Ohm Balco RTD
  5 - 10 kOhm Type II NTC Thermistor
  6 - 2252 Ω NTC Thermistor
  7 - 10 kOhm Type II NTC Thermistor
  8 - 5 kOhm NTC Thermistor
  9 - 20 kOhm NTC Thermistor
  A - 2252 Ω NTC Thermistor
  B - 10 K Type II NTC Thermistor

- **Probe Length:**
  04 - 4" (100 mm)
  06 - 6" (150 mm)
  08 - 8" (200 mm)
  12 - 12" (300 mm)

**Outside Air Temperature Sensors**

The Series O-4 Outside Air Temperature Sensors are great for monitoring ambient air temperatures in outdoor applications. The temperature sensors are mounted in an NEMA 4X enclosure with integral mounting tabs. The mounting tabs can be used to surface or suspension mount the temperature sensors. The removable terminal block makes installation easy. The Series O-4 can be used to measure outside air temperatures in building automation systems or room temperatures inside agricultural ventilation houses.

- **Model**
  - O-4A: 10K Ohm Type III Thermistor
  - O-4B: 10K Ohm Type II Thermistor
  - O-4C: 3K Ohm Thermistor
  - O-4D: Pt100 Ohm RTD
  - O-4E: Pt1000 Ohm RTD
  - O-4F: 20K Ohm Thermistor

**SPECIFICATIONS**

- **Accuracy:**
  - Platinum RTD: ±0.6% @ 32°F (0°C)
  - Nickel RTD: ±0.5°F @ 32°F (0°C)
  - Balco RTD: ±0.1% @ 32°F (0°C)
  - Thermistors: ±30°F from 32 to 188°F (0 to 70°C)

- **Operating Temperature:** -32 to 240°F (-35.5 to 115.5 °C)

- **Probe Diameter:** 1/4˝ (6.3 mm)

- **Cable Length:** 8˝ (housing models only)

**Contact Us**

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