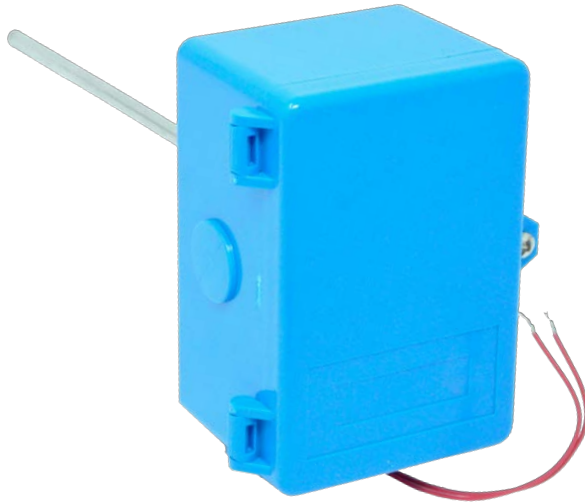


Duct Air Temperature



The duct air temperature sensor is an ideal balance between ruggedness, quality, and affordability. The case provides protection and a flush mounting surface.

- ◆ Easy installation
- ◆ Rapid response
- ◆ Rugged construction

Technical Data

Wire: 22 AWG, PVC/PVC

Lead length: 6" flying leads

Sheath material: 316 stainless steel

Probe diameter: 1/4"

Probe length: see ordering data

Sensor type: Pt100 RTD, Pt1000 RTD, 10K Thermistor

Accuracy:

- Pt100: +/- 0.3°C, DIN EN 60751 (according to IEC 751)
- Pt1000: +/- 0.3°C, DIN EN 60751 (according to IEC 751)
- 10K: +/-0.2°C (0...70°C), NTC standard

Operating temperature: -30...100°C

Enclosure: moulded case with hinged cover and captive screw, not weatherproof

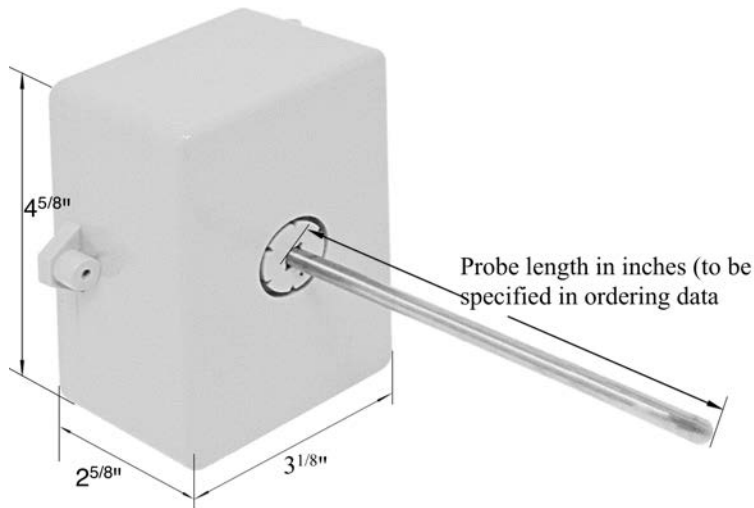
Termination connection type: tails c/w bare ends or 2 wire temperature transmitter

2 wire temperature transmitter mounted in enclosure available only for Pt100

Industry Usage

HVAC, Building automation, Energy management, Waste management

Dimensions



Ordering Data

TS-D- (probe length)-(sensor type)-(sensor value)

in inches R = RTD 100 = 100 ohms

1000 = 1000 ohms

T = Thermistor 10K = 10 K ohms

ie. TS-D-12-T-10K: duct temperature sensor 12" long probe with 10K thermistor

TT-D- (probe length)-R -100/(temperature range)

in inches

ie. TT-D-12-R-100/-50C50C: duct temperature transmitter 12" long probe with 100 ohm RTD and temperature transmitter with a temperature range of -50...50°C

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