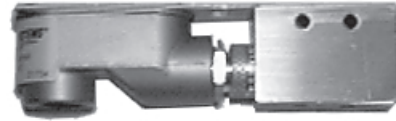


TE-205-F
OUTSIDE AIR TEMPERATURE SENSOR
Weatherproof
Thermistor, RTD

Provide precision electronic sensing of outside air temperature for building automation and energy management systems.

- Highly accurate thermistor or RTD sensors.
- Sensor is encapsulated in 1/4"OD (6.35mm) 304 stainless steel probe and mounted in a ventilated sun shield.
- Weatherproof enclosure is supplied with a 1/2" standard service conduit (LB) fitting and 6" (75mm) leadwires with terminal block for ease in wiring.



OPERATING RANGE: -40 to 250°F (-40 to 121°C).
DIMENSIONS: 6"L x 1.2"W x 1.6"D (152 x 30 x 41mm).
MOUNTING: To 1/2" threaded conduit or conduit fitting.

Model No.	Description
TE-205-F-◆	Outside Air Temperature Sensor

◆ - Insert code for desired sensor type from Table I below.

TABLE I - SENSOR CODES
For Sensor Sensitivity, See Temperature/Resistance Charts on Page 8-8.

Code	Sensor Type	Typical Sensor Users	Leadwires
1	100Ω Platinum RTD @ 32°F		Yellow/Yellow
3	1000Ω Platinum RTD @ 32°F	Circon; Honeywell T700X, T7506; JCI TE-632xP; Siemens; Trane	Red/Red
4	1000Ω Nickel Iron @ 32°F	JCI JC80/85, Metasys, TE631xP; York	Violet/Violet
5	1000Ω Balco RTD @ 32°F	Invensys TS-8100, 8200, 8400, 8500 series; System 80; Trane	Brown/Brown
7	10,000Ω Thermistor @ 77°F, Type III	AET; American Automatrix; Andover; Carrier; Delta; Invensys; Siebe; KMC Controls; Reliable; Teletrol; York	Green/Green
10	3,000Ω Thermistor @ 77°F	Alerton IBEX; ASI; ATS; Mammoth; Snyder General	Black/Black
12	10,000Ω Thermistor @ 77°F, Type II	Automated Logic; Alerton BACnet; Circon; TAC (CSI); Governair; Lennox; Liebert; Mammoth; Triangle MicroSystems; Trend; Trane	Red/Green
13	5,000Ω Thermistor @ 77°F		Yellow/Black
15	100,000Ω Thermistor @ 77°F	Siemens; Landis & Staefa	Black/Orange
17	20,000Ω Thermistor @ 77°F	Honeywell XL	Blue/Green
18	2,252Ω Thermistor @ 77°F		Red/Yellow
21	1,800Ω Thermistor @ 77°F	TAC	Brown/Orange