



TO Series

Outdoor Temperature Sensor

Product Overview

The TO sensor has a weather-resistant housing suitable for monitoring outdoor temperature. The probe is protected from solar heating to improve accuracy. The TO has standard resistive output compatible with building control systems, and it is warranted for a period of five years.



NOTICE

- This product is not intended for life or safety applications.
- Do not install this product in hazardous or classified locations.
- Read and understand the instructions before installing this product.
- Turn off all power supplying equipment before working on it.
- The installer is responsible for conformance to all applicable codes.

No responsibility is assumed by Veris Industries for any consequences arising out of the use of this material.

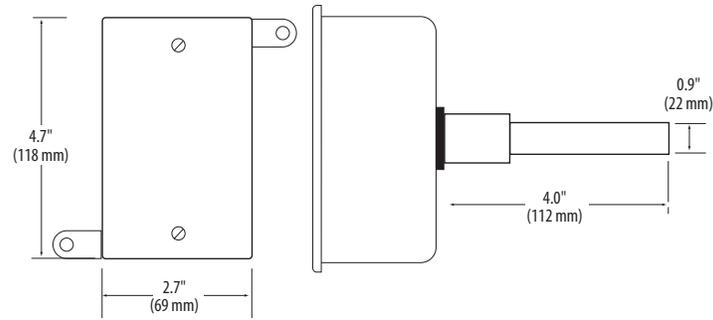
Product Identification

| TO | <i>Sensor Type</i> | <i>Output</i> | <i>Cal Certificate</i> |
|----|--------------------------------------|--------------------------|----------------------------|
| | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | = Resistive | |
| | B = 100R platinum, RTD | | 0 = None |
| | C = 1k platinum, RTD | | 1 = 1 point Cal validation |
| | D = 10k T2, Thermistor | | 2 = 2 point Cal validation |
| | E = 2.2k, Thermistor | | |
| | F = 3k, Thermistor | | |
| | G = 10k CPC, Thermistor | | |
| | H = 10k T3, Thermistor | | |
| | I = 1k Balco (Nickel-iron) RTD | | |
| | J = 10k Dale, Thermistor | | |
| | K = 10k w/11k shunt, Thermistor | | |
| | M = 20k NTC, Thermistor | | |
| | N = 1800 ohm, Thermistor | | |
| | R = 10k US, Thermistor | | |
| | S = 10k 3A221, Thermistor | | |
| | T = 100k, Thermistor | | |
| | U = 20k "D", Thermistor | | |
| | W = 10k T2 high accuracy, Thermistor | | |
| | Y = 10k T3 high accuracy, Thermistor | | |
| | Z = 10k E1, Thermistor | | |
| | CC = 15k, Thermistor | | |

Specifications

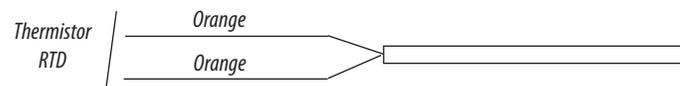
| | |
|-------------------------------|-------------------------------|
| Wiring | 22 AWG; 2-wire RTD/Thermistor |
| Housing | Weatherproof |
| COMPLIANCE INFORMATION | |
| Approvals | CE |

Dimensions



Installation

1. Choose a monitoring location that is sheltered and out of direct sunlight (e.g. under eaves, north side of building, etc.).
2. Connect the wires as shown.



3. The sensor may be suspended from the conduit without damage to the unit. Do not obstruct the vent openings.