

TO SERIES



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Outdoor Temperature Sensor

Installer's Specifications

Wiring	22AWG; 2-wire:RTD/Thermistor, 4-20mA; 3-wire: Voltage output models	
Junction Box	Weatherproof	
Transmitter:		
Input Power	4-20mA version - Loop powered 12-30VDC only, 30mA max; 0-5/0-10V versions - 12-30VDC/24VAC, 15mA max	
Temp Output	2-wire, loop powered 4-20mA; 3-wire, 0-5V/0-10VDC	
Sensor Type	Solid-state, integrated circuit (Transmitter)	
Accuracy	±0.5°C (±1°F) typical	
Ranges	0° to 50°C (32° to 122°F), -40° to 50°C (-40° to 122°F)	
Linitemp:		
Input Power	5 to 30VDC	
Output	1µA/°C or 10mV/°C	
Operating Temperature	-25° to 105°C (-13° to 221°F)	
Accuracy	Calibration Error:	1.5°C (35°F) typical; 2.5°C (37°F) max. at 25°C (77°F)*
	Error over Temperature:	1.8°C typical (35°F); 3.0°C (34°F) max. over 0° to 70°C (32° to 158°F) range 2.0°C (35°F) typical, 3.5°C (38°F) max. over -25° to 105°C (-13° to 221°F) range

*Room temperature error documented on each unit.

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.

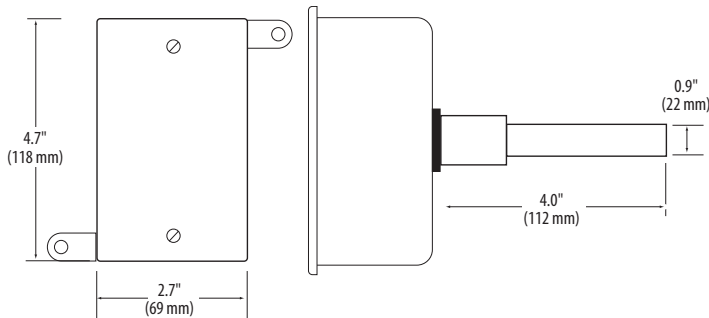
PRODUCT IDENTIFICATION

Sensor Type	Output	Cal Certificate
TO <input type="checkbox"/>	<input checked="" type="checkbox"/> RØ	<input type="checkbox"/>
B = 100R Platinum, RTD	= Resistive Output	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		
J = 10k Dale, Thermistor		
K = 10k w/11k shunt, Thermistor		
M = 20k NTC, Thermistor		
N = 1800 ohm, Thermistor		
P = 10mV/°C, Linitemp		
R = 10k US, Thermistor		
S = 10k 3A221, Thermistor		
T = 100k, Thermistor		
U = 20k "D", Thermistor		

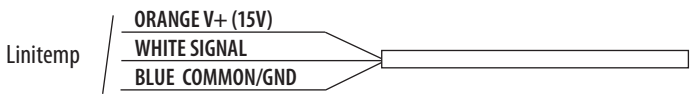
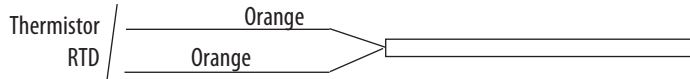
QUICK INSTALL

1. Locate the outdoor area to be monitored. The area should be sheltered and out of direct sunlight (e.g. under eaves, north side of building, etc.).
2. Connect wires as shown (see Wiring section).
3. The sensor may be suspended from the conduit without damage to the unit. Do not obstruct vent openings.

DIMENSIONS

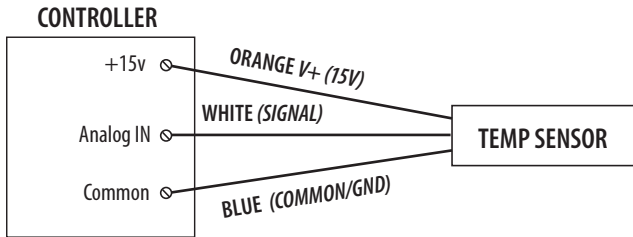


WIRING



NOTE: All linitemp units are standard 3-wire 10m V/C. For 1μ A/C (2-wire) connect +15V (orange) and (white) signal wire. The (blue) wire is not connected.

3-Wire 10m V/C



2-Wire 1μ A/C

