

# T-STAT

## Room Temperature and Humidity Sensor

### Data Sheet



T-STAT Room Temperature and Humidity Sensor

The T-STAT Room Temperature and Humidity Sensor features local indication of both temperature and humidity with temperature setpoint.

The LCD screen shows temperature in °C or °F and humidity in %RH. In addition, the unit has adjustable offsets for both temperature and humidity and the transmitter ranges are field configurable.

#### FEATURES INCLUDE

- Large, easy-to-read LCD display in °F or °C
- Fully compensated 2% RH sensor
- Temperature setpoint adjustment
- Adjustable toggle rate between temperature and humidity display
- Robust tactile pushbuttons
- Durable ABS plastic enclosure
- Two year warranty

## Room Temperature and Humidity Sensor

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T-STAT Room Temperature and Humidity Sensor Specifications	
Supply Voltage	DC Power: 16 to 30VDC AC Power: 18 to 30VAC*
Power Consumption	50mA max DC, 1.5VA max AC
RH Sensor	2% accuracy, capacitive
Available Outputs	2 configurable, 1 passive sensor Channels 1 and 2: voltage or current Channel 4: passive sensor
Output Signals	Voltage, VDC: 0 to 5V, 1 to 5V, 0 to 10V 2 to 10V, impedance > 10KΩ  Current (sourcing): 4 to 20mA, 500Ω at 11.5VDC  Passive sensor (channel 4): thermistor
Termination	8 terminals, 16 to 22 AWG**
Mounting	Standard 2x4 in J-box or drywall; screws provided
Enclosure Material	ABS plastic, UL94V-0
Environmental Operation Range	32° to 122°F (0 to 50° C) 0 to 95% RH, non-condensing
Agency	RoHS
Color	White
Size	2.86 in w x 4.5 in h x 1.06 in d 72.7 mm w x 114.3 mm h x 26.9 mm d

Product specifications are subject to change without notice. Triatek is a registered trademark of Triatek LLC. 10212013

\*AC power requires a separate pair of shielded wires.

\*\*Triatek recommends that you do not run wiring for the room units in the same conduit as line voltage wiring or with wiring used to supply highly inductive loads such as motors, generators, and coils.

### Part Number Guide

TSTAT-X -  -

LCD Screen

Setpoint Options

D = LCD Screen

0 = No LCD Screen

S = Push button temperature setpoint

0 = No setpoint adjustment button

