

Room Temperature Sensor 1

Description

The Rts1 Room Temperature Sensor is designed for use with building automation systems in commercial buildings, hospitals, museums or other facilities requiring accurate measurement of relative humidity. Each transmitter utilizes a capacitive polymer sensor to provide excellent linearity and sensitivity. In addition the model RTS1 Room Temperature Sensor 1 is available with a built-in thermistor which can be used to measure both room temperature and relative humidity. This unit can be directly mounted to a drywall partition, or vertically to a 2 x 4 electrical handy box using the optional adaptor plate (RHSPLATE).



Wiring Diagram

Comming Soon

Supply Voltage 10 to 15 VDC
Input Power 5.5 mA
Output Range 0 to 100% RH
Sensing Accuracy . . . +/-3% over 10% to 90%RH
Output Signal 0 to 5 VDC
R Load 1000 ohm Max.
Operating Temp. Range 4 to 49°C
Material ABS Housing
Wire Size 14 to 22Awg (Recommended)
Thermistor (RTS1 Only)
. 10k ohms at 25°C
Dimensions2.0" H x 2.0" W x 0.2" D
Weight 1.5 Oz
Adaptor Plate Dimensions. 4.5"L x 2.75" W

Ordering Information

Specify :

RTS *Room Temperature SENSOR*

RTS1 *Room Temperature SENSOR 1*

Accessories :

RHSPLATE *ADAPTOR PLATE (For RTS 1)*