

Space Humidity Sensor

Description

The RHS1000 Space Humidity 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 RHS1001 Space Humidity Sensor 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

The picture of
PHS1000

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 (RHS1001 Only)
. 10k ohms at 25°C
Dimensions 2.0" 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 :

RHS1000

SPACE HUMIDITY SENSOR

RHS1001

SPACE HUMIDITY SENSOR c/w BUILT- IN THERMISTOR

Accessories :

RHSPLATE

ADAPTOR PLATE (For RHS1000 or RHS1001)