

Features & Options

- 10 Points of Calibration from 10 to 90%RH
- Humidity Only or Temp/Humidity Combination
- BAPI-Box 2 IP66-Rated Enclosure Style
- $\pm 2\%$ RH Accuracy

Humidity control is an important aspect of any climate control system. Therefore, humidity sensors must be both accurate and dependable. BAPI's humidity transmitters are calibrated at 10 points from 10 to 90% RH for accuracy.

The Outside Air Units are also extremely dependable, featuring the watertight BAPI-Box 2 enclosure. The BAPI-Box 2 is made of UV-resistant polycarbonate and carries an IP66 rating. It includes a hinged cover with thumb latch for easy field termination.

Outside Air Humidity Sensor with BAPI-Box 2 Enclosure



ORDERING INFORMATION

BA/H200-O-BB2

Outside Air Humidity Sensor: 4 to 20mA or 0 to 5V, BAPI-Box 2 Enclosure IP66

BA/10K-2-H200-O-BB2

Outside Air Humidity & Temperature Sensor: 4 to 20mA or 0 to 5V, 10K-2 Thermistor, BAPI-Box 2 Enclosure IP66

BA/10K-3-H200-O-BB2

Outside Air Humidity & Temperature Sensor: 4 to 20mA or 0 to 5V, 10K-3 Thermistor, BAPI-Box 2 Enclosure IP66

BA/10K-4-H200-O-BB2

Outside Air Humidity & Temperature Sensor: 4 to 20mA or 0 to 5V, 10K-4 Thermistor, BAPI-Box 2 Enclosure IP66

Specifications

Power and Consumption:

10 to 35 VDC, 22 mA max.

Humidity Sensing Element & Accuracy:

Capacitive, $\pm 2\%$ RH Accuracy
(10 to 90% RH @ 23 °C)

Temp Sensing Element & Accuracy:

10K-2 Thermistor: $\pm 0.2^\circ\text{C}$ (0 to 70°C)
10K-3 Thermistor: $\pm 0.2^\circ\text{C}$ (0 to 70°C)
10K-4 Thermistor: $\pm 1\%$ @ 25°C

Enclosure Rating:

IP66

Enclosure Material:

UV-res. Polycarbonate, UL 94, V-0

Environmental Operation Range:

Temp: -40 to 70°C

Humidity: 0% to 100% RH

