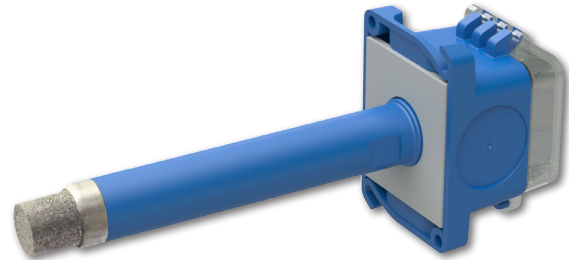


Features & Options

- 10 Points of Calibration from 10 to 90% RH
- Humidity Only or Temp./Humidity Combination
- BAPI-Box Crossover Enclosure
- $\pm 2\%$ RH Accuracy
- Green Power Indication LED



**Duct Humidity Sensor with
BAPI-Box Crossover Enclosure**

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, eliminating field calibration.

The Duct Units are also extremely dependable, featuring the BAPI-Box Crossover enclosure. The BAPI-Box Crossover is made of UV-resistant polycarbonate and includes a hinged cover with thumb latch for easy field termination and a green power indication LED. The enclosure carries an IP10 rating or IP44 with a knockout plug or liquid tight fitting in the open port.

ORDERING INFORMATION

BA/H200-D-BBX

Duct Humidity Sensor: 4 to 20mA or 0 to 5V, BAPI-Box Crossover Enclosure IP10

BA/10K-2-H200-D-BBX

Duct Humidity & Temperature Sensor: 4 to 20mA or 0 to 5V, 10K-2 Thermistor, BAPI-Box Crossover Enclosure IP10

BA/10K-3-H200-D-BBX

Duct Humidity & Temperature Sensor: 4 to 20mA or 0 to 5V, 10K-3 Thermistor, BAPI-Box Crossover Enclosure IP10

BA/10K-4-H200-D-BBX

Duct Humidity & Temperature Sensor: 4 to 20mA or 0 to 5V, 10K-4 Thermistor, BAPI-Box Crossover Enclosure IP10

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:

IP10 (IP44 w/ plug or fitting in open port)

Enclosure Material:

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

Environmental Operation Range:

Temp: -40 to 70°C
Humidity: 0% to 100% RH

