Dew Point/Humidity Transmitters

NEW

HX200HD shown smaller than actual size.

HX200 Series

1 YEAR WARRANTY · CE · NIST · RoHS

Standard

✔ **High Accuracy with Certificate of Calibration**

✔ **High Temperature Sensor to 200ºC (392ºF) (at 0% RH)**

✔ **High Pressure Sensor to 750 psi (51.7 bar)**

✔ **Switchable for Dew Point or Humidity**

✔ **Switchable ºC or ºF Temperature**

The HX200 is a high accuracy calibrated dew point or humidity transmitter. The remote sensor is designed to work at temperatures as high as 200ºC (392ºF). This high accuracy sensor is also built to withstand up to 750 psi. These transmitters are perfect for applications such as compressed air, dryers and environmental chambers.

Specifications

Dew Point: -60 to 40ºC (-76 to 104ºF)
Relative Humidity: 0 to 95% RH (non-condensing) unit displays dew point or humidity, as well as temperature
Maximum Sensor Pressure Rating: 750 psi (51.7 bar)
Sensor Body Material: 304 SS
Maximum Operating Temperature: 200ºC (392ºF) (at 0% RH)
Mesh Filter Top: Stainless Steel
Single Output: 4 to 20 mA loop powered (relative humidity or dew point)
Dew Point Accuracy: ±1.0°C from -20 to 40°C (-4 to 104°F); ±3.0°C below -20°C (-4°F)
Relative Humidity Accuracy: ±1% RH from 15 to 40°C (59 to 104°F), 0 to 90% RH (non-condensing); ±2% RH below 15°C (59°F) or above 40°C (104°F)

Display: 2 line LCD
Resolution: 0.1
Power: 4 to 20 mA loop powered, 2-wire 24 Vdc (typical) 12 to 28 Vdc
Dimensions (Enclosure): 88.9 L x 63.5 W mm (3.5 x 2.5")
Mounting Center: 78.7 mm (3.1")
Dimensions of Probe:
    Length: 10.16 cm (4")
    OD: 1.27 cm (0.5") ½ NPT Fitting
Weight: 1.8 kg (4 lb)

To Order

Model No.	Description
HX200HD	Dew point transmitter, 4 to 20 mA loop powered output
HX200HR	Relative humidity transmitter, 4 to 20 mA loop powered output