Monitor and control relative humidity and temperature in building energy management systems with the Series HT Humidity/Temperature Transmitter. Designed for demanding HVAC/EMCS applications, the Series HT provides ±3% RH accuracy and ±1% stability per year. Routine calibration is not required with the fully interchangeable sensor. Two wire connections allow easy installation directly into air ducts or within a controlled area.

**Specifications**

**Relative Humidity Range:** 10 to 90% RH.

**Temperature Range:**
- Duct mount: -40 to 140°F (-40 to 60°C); Wall mount: 23 to 131°F (-5 to 55°C).
- Compensated Temperature Range: ±2% RH (±0.3°C) @ 25°C.

**Accuracy:** ±3% RH (±0.3°C) @ 25°C.

**Temperature Limits:**
- Duct mount: 14 to 140°F (-10 to 60°C); Wall mount: 23 to 131°F (-5 to 55°C).

**Storage Temperature:**
- Duct mount: 40 to 140°F (-40 to 60°C); Wall mount: 0 to 100% RH.

**Power Requirements:** 10 to 28 VDC.

**Output Signal:** 4 to 20 mA.

**Response Time:** 15 seconds.

**Current Consumption:** 4 mA minimum.

**Conduit Connection:** 1/2" NPT.

**Mounting Connection:** 3/4" NPT (for Duct mount) or 1/2 NPSM (for Wall mount).

**Temperature Sensor:** Pt 1000Ω RTD.

**Drift:** ±2% RH over 2 years.

**RH Temperature Dependance:** <±1.5% RH from 14 to 140°F (-10 to 60°C).

**Temperature Dependance:** ±2% RH over 2 years.

**Humidity/Temperature Transmitter, duct mount**

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<tr>
<th>Model</th>
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<tr>
<td>HT01</td>
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<td>HT10</td>
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<td>HT11</td>
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**ACCESORY**

HT5, Replacement sensor