

# HT60 SERIES

## RH / Temperature / Dew Point Transmitter

### The HT60 Series

is a transmitter for humidity, temperature and dew point or barometric pressure applications and offers many other psychrometric calculations. The three measurements in one probe allows the end-user flexibility where space constraints are a concern. The series is configured for wall and duct applications, includes a 2 line LCD display and offers field replaceable sensor tips where interchangeability is within  $\pm 1\%$ .



HT60W Wall Mount



HT60D Duct Mount

Model Type:	Description:
<b>HT60W</b>	A wall mount temperature / dew point / RH transmitter with three 4-20mA outputs, 2 programmable alarm relays and RS232 (bi-directional) output.
<b>HTB60W</b>	A wall mount temperature / barometric pressure / RH transmitter with three 4-20mA outputs, 2 programmable alarm relays and RS232 (bi-directional) output.
<b>HT60D</b>	A duct mount temperature / dew point / RH transmitter with 6 foot cable, three 4-20mA outputs, 2 programmable alarm relays and RS232 (bi-directional) output.
<b>HTB60D</b>	A duct mount temperature / barometric pressure / RH transmitter with 6 foot cable, three 4-20mA outputs, 2 programmable alarm relays and RS232 (bi-directional) output.

**SPECIFICATIONS**

**MEASURED PARAMETERS:** RH / Temperature / Pressure

**ACCURACY:**

RH:  $\pm 1\%$

Temperature:  $\pm 0.5^{\circ}\text{C}$

Barometric Pressure:  $\pm 3\text{mb}$

Dew Point Typical:  $\pm 1^{\circ}\text{C}$

**RANGE:**

RH: 0-100%

Temperature:  $-40^{\circ}\text{C}$  to  $60^{\circ}\text{C}$

Dew Point:  $-40^{\circ}\text{C}$  to  $60^{\circ}\text{C}$

Barometric Pressure: 20 to 1110mb

**ELECTRICAL OUTPUTS:**

4-20mA (x3), scalable by end-user

RS-232C (bi-directional), programmable and readable

Alarm, relays (x2), settable by end-user

Digital display - LCD, 2 line backlit

**POWER REQUIREMENTS:**

18 to 30Vdc, unregulated, 150mA max.

**DIMENSIONS: (LWD)**

Wall mount: 7.5" (19.05cm) \* 3.6" (9.1cm) \* 2.25" (5.71cm)

Duct Mount: Display: 6.0" (15.24cm) \* 3.6" (9.1cm) \* 2.25" (5.71cm)

Probe: Width 3/4" (1.9cm) \* OD Length 8" (20.32cm)

Mounting Plate:

