

HT150

HIGH TEMP HUMIDITY TRANSMITTER

Model HT150

High Temperature (150°C) Humidity Transmitter

The EdgeTech HT150 is a precision transmitter that provides quick and accurate humidity, temperature and dew point measurement in high temperature applications. It has a wide temperature range of -40°C to 150°C and is resistant to most chemicals. This remote type transmitter comes standard with a 20 foot cable and is ideally suited for chamber, furnace and industrial applications. The unit is calibrated and adjusted to a traceable reference standard and comes with a NIST certificate of calibration.



SPECIFICATIONS

MEASURED PARAMETERS: RH / Temperature

ACCURACY:

RH: $\pm 1\%$
Temperature: $\pm 0.5^{\circ}\text{C}$

MEASUREMENT RANGE:

RH: 0-95% (non-condensing)
Temperature: -40°C TO 150°C
Dew Point: -40°C TO 95°C

GENERAL:

Cable Length: 20ft. (6m), for other lengths contact EdgeTech
Probe Length: 8in (20.3cm)
Probe Material: Stainless Steel
Filter: Sinter Stainless Steel (removable and cleanable)
Sensor: Polymer-Capacitive
Fitting: Adjustable $\frac{3}{4}$ NPT
Connections: Screw Terminals
Wire (20-24 AWG) standard wire required

OPTIONAL: Sample Test Chamber - the Model HTSC

ELECTRICAL OUTPUTS:

Three 4-20mA—scalable by end-user
RS-232C (bi-directional), programmable and readable
Two Alarm relays—settable by end-user
Digital Display—LCD, 2 line backlit

POWER REQUIREMENTS:

18 to 30Vdc, unregulated, 50mA max

DIMENSIONS: (LWD)

Wall Mount: 7.5" (19.05cm) * 3.6" (9.1cm) * 2.25" (5.71cm)
Duct Mount: 8.0" (20.32cm) * 6.75" (17.1cm) * 3.75" (9.5cm)



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