

LC70 Series

RH / TEMP Transmitter

Model LC70 Series Transmitter

The LC70 Series is a series of low cost transmitters that measure humidity and temperature in energy management and HVAC applications. These units use a very accurate and reliable resistive sensor for humidity and a precision integrated-circuit temperature sensor for monitoring temperature. The LC70 series offers a cost effective yet durable humidity and temperature solution with easy integration to a display, PLC or control system



HTW

HI / TI

Model Type	Description
LC70-HTW	A wall mount temperature/humidity transmitter with two 4-20mA outputs, loop powered
LC70-HI	An industrial wall mount RH transmitter with a 4-20mA outputs, loop powered
LC70-TI	An industrial wall mount temperature transmitter with a 4-20mA output, loop powered

MODEL LC70 SERIES

SPECIFICATIONS

MEASURED PARAMETERS:

RH / Temperature

ACCURACY:

RH: $\pm 3\%$

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

MEASUREMENT RANGE:

RH: 20-95% (non-condensing)

Temperature: 0 to 60°C

STORAGE TEMPERATURE:

-30 to 80°C

ELECTRICAL OUTPUTS:

4-20mA loop powered

POWER REQUIREMENTS:

12 to 32Vdc, unregulated, 50mA max

DIMENSIONS:

Wall Mount (HTW): 4.7" (120mm) * 2.75" (70mm) * 1.34" (34mm)

Industrial Wall Mount (HI / TI): 4.1" (105mm) * 1.65" (42mm) * 1.38" (35mm)



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