

4 to 20 mA IOT transmitter

HUMIDITY/TEMPERATURE TRANSMITTER

Model : TRRH-301

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

The Art of Measurement

4 to 20 mA IOT transmitter

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FEATURES

* Hight precision Humidity/Temp. sensor
* Protection for the reveise wires connecting
* Fast humidity measuring response time.
* Use the fore wire , 4 to 20 mA humidity & temperature transmitter can coperate the option controller/ indicator or the datalogger system.
* 4-wire installation.
* Linear current output .
* Easy installation and connection.
* Humidity range 5 ~ 95 %RH.
* Temperature range 0°C~50°C .
* Small and Hight precision sensor.

Electrical Specifications (23±5 °C)

Humidity

Humidity	Range	5 % to 95 % R.H.
	Resolution	0.1 % R.H.
	Accuracy	≥70% RH : ±(3% reading + 1% RH). < 70% RH : ±3% RH.

Temperature

Temperature	Range	0 °C to 50 °C.
	Resolution	0.1 degree
	Accuracy	°C ±0.8 °C.

Electrical Specification

Measurement	Humidity, Temprature
Analog output	Analog output: 4 to 20 mA. * <i>linear to temperature.</i>
Loop impedance	Max. 500 Ω@24 V DC.
Power supply	Isolated Power 12VDC to 30VDC@20 mA. * <i>Ripple < 2.5%</i>
Operation Temp.	0°C to 70°C /32°F to 158°F.
Operation humidity	Max. 85% RH.
Dimensions	120 mm x 96 mm x 43 mm.
Weight	164 g.
Enclosure rating	IP63
Dimension	<i>Meter :</i> 182 x 73 x 47.5 mm <i>Humidity, Temprature probe:</i> Round 16 mm Dia. x 37 mm. Cable length : 1.2 meter.
Accessories Included	* Instruction manual..... 1 PC * Humidity/Temp. probe..... 1 PC