

TEMPERATURE HUMIDITY TRANSMITTER

AI-RHT-Tx



Specifications

Sensor Type	1) Polymer sensing for Temperature 2) Capacitive polymer sensing for Relative Humidity
Range	1) -30.0 to +50.0°C for Temperature (Any other range customized as per requirement) 2) 0.0 to 100.0%RH typical for Relative humidity
Output	2 x 4-20mA , 1 each for both Temperature & Humidity
Communication	Optional RS 485 Modbus Protocol Communication
Resolution	Temperature : 0.1°C; Humidity : 0.1%R.H.
Accuracy	1) $\pm 0.2^\circ\text{C}$ for Temperature 2) $\pm 1.8\%$ for 10 to 95% RH for Relative Humidity $\pm 2\%$ for all other ranges
Supply Voltage	24VDC / 300mA
Dimension	Stainless Steel Front Plate : 155 (W) x 125 (H) mm. Instrument Back Box : 105 (W) x 70 (H) x 30 (D) mm.
Mounting	Modular Wall Mounting Enclosure, M.S. Powder Coated Back Box & Stainless Steel Front Flush Plate.

ACE INSTRUMENTS

(An ISO 9001-2008 Certified Company)

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