

HUMIDITY & TEMPERATURE INDICATOR TRANSMITTER

Model AI-RHTx SERIES



TECHNICAL SPECIFICATIONS:

Sensor Type

- : 1) Polymer sensing for Temperature
- 2) Capacity polymer sensing for Relative humidity
- 3) Model AI-RHTx-1 - Wired External Sensor
Model AI-RHTx - Integrated Probe fixed to Body

- Range** : 1) -30.0 to +50.00C for Temperature
(Any other range customized as per requirement)
2) 0.0 to 100.0%RH typical for Relative humidity
- Output (Optional)** : 2x 4-20mA , 1 each for both temperature & humidity
- Communication** : Optional RS 485 Modbus Protocol Communication
- Resolution** : Temperature : 0.1 Deg. C
Humidity : 0.1%R.H.
- Display** : Standard 2 X 4 Digit RED LED Display of Height 0.4"
(1 Each for Humidity & Temperature)
Optional No Display (Blind)
- Accuracy** : 1) ± 0.5 OC for Temperature
2) $\pm 1.8\%$ for 10 to 95% RH for Relative humidity
 $\pm 2\%$ for all other ranges.
- Supply Voltage** : 24VDC / 300mA
- Mounting** : Wall Mounting IP65 Enclosure with Integrated
Sensor or External Humi-Temp Probe with 2 mtrs.
Extension Cable (Extendable upto 10 mtrs.)