

HUMIDITY & TEMPERATURE TRANSMITTER

(MODEL: AI-RHTx-D)

Overview

Duct Mounted Humidity & Temperature Combination transmitters are highly accurate & stable sensors with a dual output of 4-20mA. The capacitive basic sensor is not affected by condensation & gives top-of-the-line long-term stability.



Salient Features

- No affect of condensation on output & stability using polymer capacitive sensor
- Temperature compensated output
- Dual Output of 4-20mA , 1 each for temperature & humidity

SPECIFICATIONS:

Application	:	Duct Mounted Humidity & Temperature Sensor
Sensor Type	:	Polymer capacitive sensing for Temperature & Humidity
Range	:	Humidity: 0.0 to +100.0% R.H.
Temperature	:	0.0 to +50.0 Deg. C for Temperature (Optional customized Ranges available)
Operating Humidity Range:	:	0...95% R.H. Non Condensing
Power Supply	:	24 VDC, 100mA Typical
Output	:	4 Wire Output, 4-20mA, 1 Each for Temperature & Humidity
Calibration	:	Factory Calibrated with Calibration Certificate for each Transmitter
Accuracy	:	Humidity: ± 1.8 % for Humidity
Temperature	:	± 0.5 Deg. C for Temperature
Size	:	80 x 80 x 55 (L x B x D) for Electronics Enclosure (IP 65 Rated) 8 mm. Diameter & 250 mm. Length Standard Stainless Steel Probe for sensor assembly (Speak to Factory for customization of Stem Length for Duct)
Options	:	2line temperature & humidity display, 4 digits of 0.4" height each