

# 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

<b>Application</b>	: Duct Mounted Humidity & Temperature Sensor
<b>Sensor Type</b>	: Polymer capacitive sensing for Temperature & Humidity
<b>Range</b>	: Humidity: 0.0 to +100.0% R.H.
<b>Temperature</b>	: 0.0 to +50.0 Deg. C for Temperature (Optional customized Ranges available)
<b>Operating Humidity Range</b>	: 0...95% R.H. Non Condensing
<b>Power Supply</b>	: 24 VDC, 100mA Typical
<b>Output</b>	: 4 Wire Output, 4-20mA, 1 Each for Temperature & Humidity
<b>Calibration</b>	: Factory Calibrated with Calibration Certificate for each Transmitter
<b>Accuracy</b>	: Humidity: $\pm 1.8$ % for Humidity
<b>Temperature</b>	: $\pm 0.50$ C for Temperature
<b>Size</b>	: 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 )
<b>Options</b>	: 2 line temperature & humidity display, 4 digits of 0.4" height each

## Instrukart Holdings

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