



**RH SENSOR WITH TRANSMITTER - DUCT MOUNTING MODEL RX-01/D, 10 - 95% RH**

**RH CUM TEMPERATURE SENSOR WITH TRANSMITTER - DUCT MOUNTING MODEL: RTX-01/D, 10-95% RH, 0-65 °C (also available in wall mounting, Model RX-01/W)**

The **Artech** Humidity Transmitter Model RX-01 is a compact two-wire transmitter with its capacitive sensor and electronic circuitry housed in a protective enclosure. The normal configuration is for wall mounting; a duct mounting configuration can be supplied on request. The transmitter is loop powered and controls the loop current at 4-20 mA according to the calibrated range.

Model RTX-01 is a combined Humidity & Temperature sensor which has in addition to the above capacitive RH sensor an RTD sensor for temperature sensing, with an additional two-wire output loop.



#### Applications

- Humidity Chambers
- Dehumidifiers / Humidifiers
- Pharma Applications
- Incubators
- Hatcheries
- Drying Systems
- Storage rooms & Warehouses
- Food Processing & Packaging

#### Specifications

<b>RH Working Range</b>	: 0-100% / 10-95%
<b>Temperature Range</b>	: 0 to 65 ° C
<b>Accuracy</b>	: ± 3%RH, ± 1 ° C
<b>Sensor - RH</b>	: Capacitive type
<b>- Temperature</b>	: RTD PT-100
<b>Response Time</b>	: 2 min (moving air) / 10 min (still air)
<b>Output</b>	: 4-20 mA (Two separate 2 Wire loops for Temperature and RH)
<b>Power</b>	: 15-24V DC
<b>Dimension Box</b>	: 80 x 80 x 50 mm
<b>Stem</b>	: 150mm L x 16 mm dia

Model RX-01W / RTX-01W - Wall Mounting

Model RX-01D / RTX-01 D - Duct Mounting  $\frac{3}{4}$ " BSP

Special Sensors for High Temp. (100 ° C, 120 ° C)

Also available RH & Temp. Indicators & Controllers