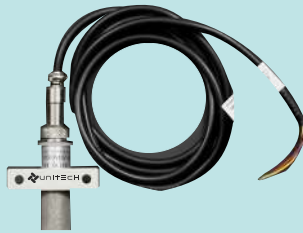


## DIGITAL TEMPERATURE &amp; HUMIDITY SENSOR



Clean Room Wall Mounted Temp. + RH Sensor



Flameproof Model (Duct &amp; Wall)



## HIGH ACCURACY &amp; LOW COST T+RH DIGITAL SENSOR

## FEATURE

- ✦ Wall Mounting, Chamber Mounting, Duct Mounting And Flame Proof Housing Available.
- ✦ SS Filter For Basic Sensor Protection For Water Condensing ,Dust And Powder.
- ✦ Fast Response Time And Stable ,Low Drift Performance.
- ✦ Liner Voltage & Digital I2C And RS-485 Communication Output.
- ✦ High Accuracy And Low Power Consumption.

## APPLICATION

- ✦ Refrigeration.
- ✦ Clean Room Monitoring.
- ✦ Steriliser, Humidity Chamber.
- ✦ Stability Chambers.
- ✦ OEM Application.

## TECHNICAL SPECIFICATION

TERMINAL DETAIL	3 / Wire Type
OPERATING HUMIDITY RANGE	0 To 100 % Rh , Non Condensing
RH ACCURACY	+/- 3 % Of Span
REPEATABILITY	0.5 % On Fs
OUTPUT VOLTAGE	Voltage, I2C, RS 485 Digital Output
RH RESPONSE TIME , 1/E	15 Sec In Slowly Moving Air
SUPPLY VOLTAGE	4.0 V To 5.8 V DC
RH STABILITY	0.2 % Rh Typical @50 % Rh
OPERATING TEMPERATURE RANGE	- 40 To 80 *C
SENSOR MOUNTING	Wall Mounting , Duct Mounting ,Chamber Mounting, Flame Proof
PROBE MOC	SS 316 With 12 mm Dia And 30/60/100/145/200/330 mm Length.
FILTER	SS 316 High Covering And Changeable