

## RH & TEMPERATURE INDICATOR

RHT-71I



"RHT-71I" is specially designed to meet requirements of Relative humidity and temperature measurement in Clean rooms and Process Industries.

It is designed as the most convenient user Instrument with respect to Process values display and programming modes.

The RHT-71I measures Relative Humidity, Temperature and Dew point and display on provided inbuilt display as well transfers data to Data logger for data storage.

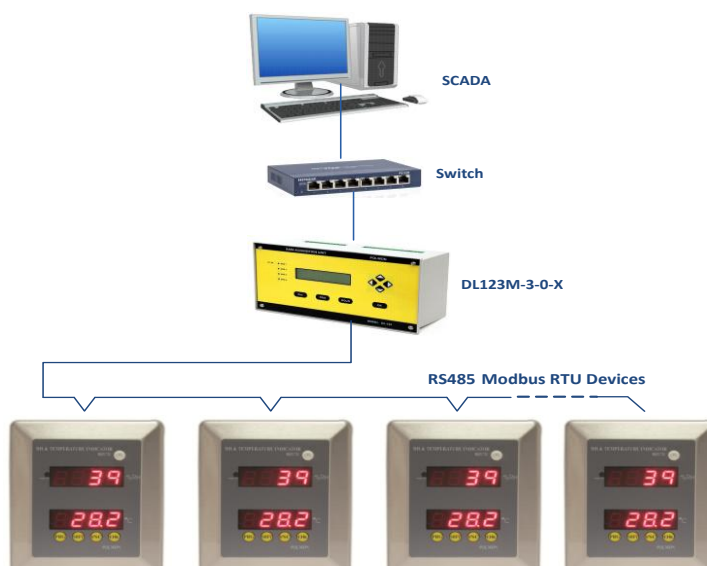
### Features

- Inbuilt RHT sensor which avoids cable between Transmitter and Indicator
- Optoisolated RS-485 Communication to transfer the data for storage
- Dual display for displaying RH and Temperature Individually
- Designed to mount on either Modular wall or RCC wall
- Process value violations display Indication
- User selectable set limits for process value violations
- Inbuilt Buzzer to provide audible Process value violation
- Optional PLC Communication MODBUS protocol Interfacing
- Software Calibration

### Applications

- HVAC
- Pharmaceutical industry
- Blood Banks
- Horticulture
- Cultivation of plants

### Network Architecture



# Specifications

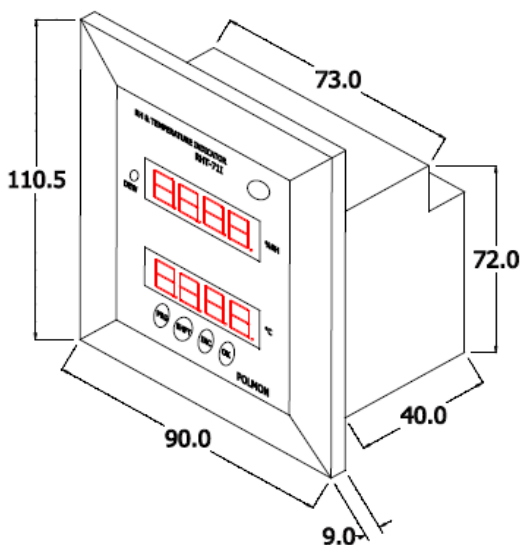
Technical	
Model No	RHT711-R-X
No of Channel	1/2
Input Type	RH, Temperature
Measurement Range	RH: 0 -100%RH Temp: 0 to 60°C
Input Accuracy	RH:±2% for the range 10 to 90% and ±3% for remaining Temp:±0.4°C For the range 0.0 to 60.0°C
Resolution	RH:1% Temp:0.1 / 1°C
Communication	RS485 MODBUS RTU
Response time	Typically 12sec
Buzzer	In built Buzzer provided to beep in set vales violated condition with user configurable snooze option

Display	0.39" 4 digit seven segment LED display
Keypad	Tactile keys
Power Supply	
Power supply	24VDC, 200mA
Physical	
Enclosure	MS & SS
Dimensions (LxWxH)	73X72X40mm
Weight	0.5Kg. (Approx.)
Mounting	Brick / Modular Wall mounting
Environmental	
Operating Temperature	10 - 60°C
Humidity	10-95%RH, Non-Condensing

Note: accessories are not included and order separately

Ordering Information for RHT711		
<b>RHT711</b>	<b>X</b>	<b>X</b>
<i>Model No.</i>	<i>Enclosure Type</i>	<i>Future Use</i>
<i>RHT711</i>	<i>R-NFLP</i>	<i>X</i>

Mechanical Drawing for RHT-711



Installation Drawing for RHT-711 (Brick Wall)

