

CLEAN ROOM HUMIDITY & TEMPERATURE INDICATOR WITH ALARM

The Clean Room Humidity & Temperature Indicator is a classic monitor for the combination display of vital parameters of Temperature & Humidity in Clean Room Environments.

Designed for easy fitment onto modular clean room wall panels & also for brick walls (using wall concealed boxes), it has a front flush stainless steel front plate for aesthetic blending onto clean room walls. With standout features like in-built buzzer alarm for process violation alert & industry standard RS 485 Modbus Communication, the clean room humidity & temperature indicator makes it a must have for clean room monitoring of temperature & humidity in Pharma Clean Room, HVAC applications, green houses, BMS projects, etc.

AI-RHT



Specifications

- Sensor Type** : 1) Model AI-RHT : Built In Polymer Capacitive Combination Sensor for Temperature & Relative humidity
2) Model AI-RHT1 : External Combination Humidity & Temperature Sensor in choice of Wall Mounting or Pipe Type Enclosures
- Range** : 1) -30.0 to +60.00C typical for Temperature (Other Ranges on request)
2) 0.0 to 100.0%RH typical for Relative humidity Non Condensing
- Communication** : Optional RS 485 Modbus Protocol Communication for BMS/SCADA
- Resolution** : Fixed 0.1 for both Temperature & Relative humidity
- Accuracy** : 1) ± 0.5 C for -30.0 to +60.0 Deg. C for Temperature
2) $\pm 1.8\%$ for 10 to 95% RH for Relative humidity $\pm 2\%$ for all other ranges.
- Display** : 2 X 4 Digit RED LED Display of Height 0.4" (1 Each for Humidity & Temperature)
- Supply Voltage** : 24VDC / 200mA, Optional 230 VAC Adaptor Provided along with
- Mounting** : Clean Room Modular Wall Flush Mounting with Integrated Sensor/Optional Brick Wall Mounting
- Cable Connection** : Terminal Connectors for Power Input & Communication at Rear
- Buzzer Alarm** : Built – in Buzzer Alarm for Hi & Lo Alarm Limit Violation alert for humidity & temperature with Acknowledgement Key on front panel. Alarm Limits are front key programmable
- Dimension** : 80(W) X 55(H) X 35(D) in mm. (M.S. Powder Coated Back Body Enclosure)
110(W) x 90 (H) for Front Flush Stainless Steel Modular Plate
- Cabinet** : Stainless Steel Front Flush Plate for Clean Rooms, M.S. Powder Coated Body Enclosure for Modular Wall Fitment
- Weight** : 350g. Approx.

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