Room Temperature and Humidity Monitor

Server Room Temperature and Humidity Monitor is a wall mounting device that simultaneously measures and alerts the user upon set point violation, This easy to use instrument makes it handy to be installed in IT Infrastructure Facilities, Hospitals, Blood Banks, Data Center and Server room Applications.

Features of Humi-Temp Monitor:

| Wall mounting display unit with 2 lines 4 digit RED 7 Segment
  LED Display.

| Optional RS 485 Modbus Protocol Communication

| Optional 4-20mA output for both Temperature and Humidity

| Standard Sensor wire length of 3 meters.

| Integrated programmable buzzer alarm for any parameter violation

| Sensor Customization available for condensed humidity environment
  i.e., Greenhouses, Horticulture, etc..,

Technical Specification:

Manufacturer	Ace Instruments
Model No	AI-RHT1-PH
Measuring Parameters	Relative Humidity, Temperature
Temperature	0°C to 50 °C
Temperature Accuracy	± 0.5°C
Temperature Resolution	0.1°C
Humidity	0 – 100.0% R.H (Non Condensing)
Humidity Accuracy	+/- 1.8% for 10 to 95% RH , +/-2% for all other ranges
Humidity Resolution	0.1% RH
Additional Cable Length	Available at extra cost, maximum feasibility upto 10 mtrs (Sensor to Display Unit)– Contact Store
Display	4 Digits for Temperature , 0.5'' Height , Red LED Display ; 4 Digits for Humidity (%R.H.) , 0.5'' Height , Red LED Display
Mounting	Wall mounting type
Cable Length	Connecting Cable , pre-wired 3 mtrs. Extension between display monitor & sensor
Enclosure	Wall mounting type ABS Plastic enclosure with Wall Bracket
Communication	RS-485 for connecting to SCADA(Optional)
Calibration	Will be provided at no extra cost. Traceable to national standards.
Acknowledgement Key	Provided for user to acknowledge the alarm manually, thus avoiding continuous buzzer alarm sound & user attention
External Alarm	Available at extra cost(Length between Instrument and buzzer)
Alarm Type	In-built buzzer for Low & High limits upon temperature & humidity set point violation, Approx. 50 Decibel (Buzzer can be extended by end user also)
Alarm Limit	User Configurable, Freely programmable from 4 front keypad
Power Supply	12 – 24VDC, by the way of 110 – 230 VAC, 50 – 60Hz Adaptor provided along with (Fits well in USA and European countries)
Protection class	IP-65
Supply Scope	1 Unit of Temperature and Humidity Monitor, Power Adapter, Instruction Manual, and Factory Calibration Certificate
Warranty	1 Year Manufacturing Warranty
Dimensions	120 X 80 X 60 mm (H X W X D)
Weight	900 Grams

Temp | Humidity | Pressure| Differential Pressure| Vacuum| Gases | Particle | Air Flow
Moisture | Dissolved Oxygen | Radiation | Air Quality | Light / Lux| Distance | Vibration