DIGITAL HUMIDITY & TEMPERATURE CONTROLLER

MODEL AI-RHTC

External Sensor

To monitor the temperature & humidity of a chamber, room, machine alongwith online display & 2 relay outputs , 1 relay output for alarm upon exceeding set temperature & 2nd relay output for alarm upon exceeding set humidity.

Specifications:

Sensor Type	:	1) Polymer sensing for Temperature 2) Capacity polymer sensing for Relative humidity
Range	:	1) 0.0 to +60.00C typical for Temperature (Any other as per requirement) 2) 0.0 to 100.0%RH typical for Relative humidity
Output	:	2 Relay Output (2 Sets of NO/CO/NC), 1 each for Temperature & Humidity
Resolution	:	Fixed 0.1 for both Temperature & Relative humidity
Accuracy	:	1) ± 0.5 C for -30.0 to +50.0 Deg. C for Temperature 2) ± 1.8% for 10 to 95% RH for Relative humidity +/-2% for all other ranges
Display	:	2 X 4 Digit RED LED Display (1 Each for Humidity & Temperature)
Supply Voltage	:	230 V AC, Single Phase to Indicator
Mounting	:	Sensor is externally wired onto the instrument, Instrument is Panel mounting type
Sensor Housing	:	PVC Tube with 4 Core Shielded Extension Cable Length 1 mtrs. from Probe to Electronics (Extra Cable on Request)
Instrument Enclosure	:	ABS Plastic Enclosure of Size 96 x 96 x 110 mm. (L x B x D)
Weight	:	800g. Approx.

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

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