

CLEAN ROOM HUMIDITY & TEMPERATURE INDICATOR WITH ALARM

ACE INSTRUMENTS make Clean Room Scanner has a 3 Line Display Systems for Clean Rooms suited to accept analog inputs from HVAC sensors from leading manufacturers like Siemens, Carrier Race Technologies, Honeywell, Rotronic for the display of Temperature, Humidity, Indoor Air Quality, Differential Pressure, Air Velocity etc.

Each of the 3 parameters can be inputs like temperature, humidity, differential pressure, Indoor Air Quality, Air Velocity, Particle count, light intensity, oxygen level, Carbon dioxide level, etc. The inputs are selectable by DIP switches between Analog 4-20mA or 0-10 V.D.C. for each of the inputs & the ranges are individually programmable for each input from -999 to +9999 by using the front keys. The displays are true 4 Digit Red LED 7 Segment Displays.



Model AI-CRM3A-1

Specifications

Manufacturer	ACE Instruments
Model	AI-CRM3A-1
Display	Standard : 3 Line 7 Segment 0.4" High Red LED Display
Resolution	Fixed 0.1 for both Temperature & Relative humidity
Supply Voltage	24 VDC, 500mA
Enclosure	MS Powder Coated Body with stainless steel front flush plate for modular wall mounting /optional concealed box brick wall mounting
Communication	RS485 MODBUS Protocol Communication
Sensor Type	Selectable Input for Each of the 3 Channels, DIP Switch Field Selectable Input between 4-20mA or 10 V DC
Buzzer	1) Integrated Buzzer for Alarm in case of process violation of any 3 parameters with Acknowledgement Key 2) Alarm Setting Available for each 3 Parameters
Setting	By 4 Keys on the front stainless steel plate
Mounting	Brick Wall Mounting/Modula Wall Mounting with Stainless Steel Front Flush Plate for Clean Rooms
Dimensions	1) M.S Enclosure : 70(W) X 80(H) X 35(D)mm 2) Front Flush S.S. Plate : 90(W) X 110(H)
Warranty	12 Months Manufacturer warranty
Calibration	Provided alongwith and valid for 1 year, traceable to National Standards
Weight	300 gms Approx

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