

Room Type Dew Point Transmitter



Model: AI-DEW-TRH

Features

- Multi Parameter readout of Temperature, RH & Dew Point
- RS-485 Modbus communication (optional)
- 128x64 Graphic LCD display
- 4-20 mA analog output (optional)

Gain comprehensive insight on your indoor air quality with the Ace Instruments room type dew point transmitter (measuring temperature, RH and dew point). The device boasts a 128x64 graphic LCD display. The AI-DEW-TRH easily integrates with existing PLC/SCADA systems via 4-20 mA outputs.

The device comes with built in RS-485 Modbus communication to monitor, record and transmit live data to BMS.

The AI-DEW-TRH is the ideal companion for real time monitoring of dew point levels in server rooms, data centers, pharma cleanrooms, semiconductor cleanrooms, and battery dry rooms.

Comprehensive indoor air quality monitoring range
CO₂ | CO | Temp | Humi | VOC | PM | O₂



Improve occupant comfort and building environment through IAQ monitoring in..



Battery Manufacturing



Data Centers



Cleanrooms (Pharma & Semiconductors)



Server Rooms

Specifications

Measurement Parameters	Temperature, Humidity, Dew Point (Calculated)
Sensor	Built-in sensor for all parameters
Temperature	Measuring Range: 0 to 50°C Accuracy: $\pm 0.45^\circ\text{C}$
Humidity	Measuring Range: 0 to 100% RH Accuracy: $\pm 4.5\% \text{ RH}$
Dew Point	Measuring Range: -50 to +50°C Accuracy: $\pm 0.5^\circ\text{C}$ to $\pm 2.0^\circ\text{C}$
Analog Output	2x Analog 4-20 mA output for temperature and dew point
Communication	RS-485 Modbus
Enclosure	Room Type ABS Plastic Wall Mounting Enclosure with 128x64 Graphic LCD Display

COMPLIANCE



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