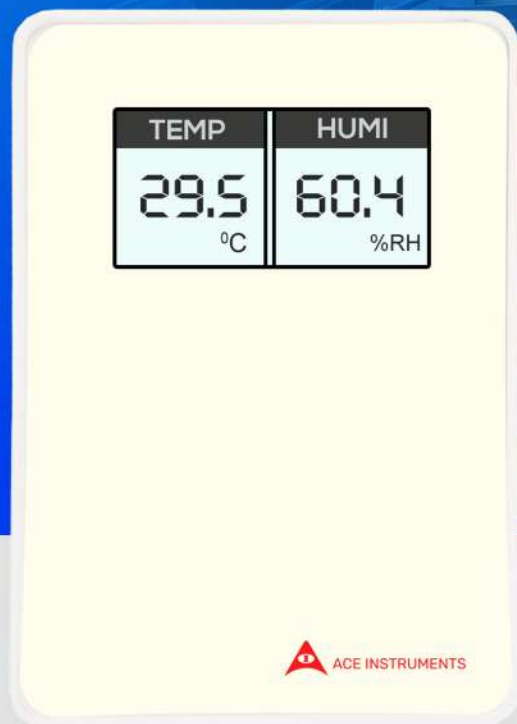
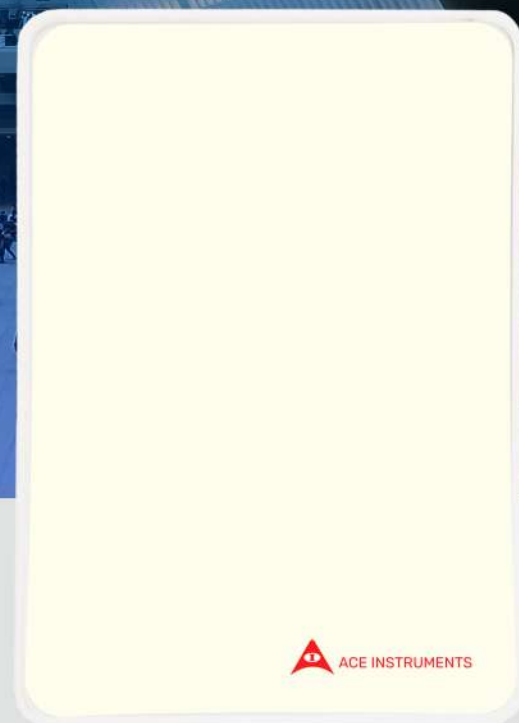


HUMIDITY TEMPERATURE TRANSMITTER



WITH DISPLAY



WITHOUT DISPLAY

Engineered for optimal occupant comfort, Ace Instruments' room-mounted humidity and temperature transmitters deliver precise and consistent indoor environmental data through the utilization of advanced Swiss CMOS sensor technology. The transmitter offers configurable dual output options, including 4-20 mA and 0-10 VDC signals, dedicated respectively to temperature and humidity measurement. An integrated 128x64 graphic LCD facilitates real-time data visualization, while RS485 communication capability ensures seamless interoperability with contemporary Building Management Systems (BMS), Supervisory Control and Data Acquisition (SCADA) systems, and other automation infrastructures.

FEATURES



128X64 GRAPHIC
LCD DISPLAY



4-20mA/ 0-10VDC
OUTPUT (Field Selectable)

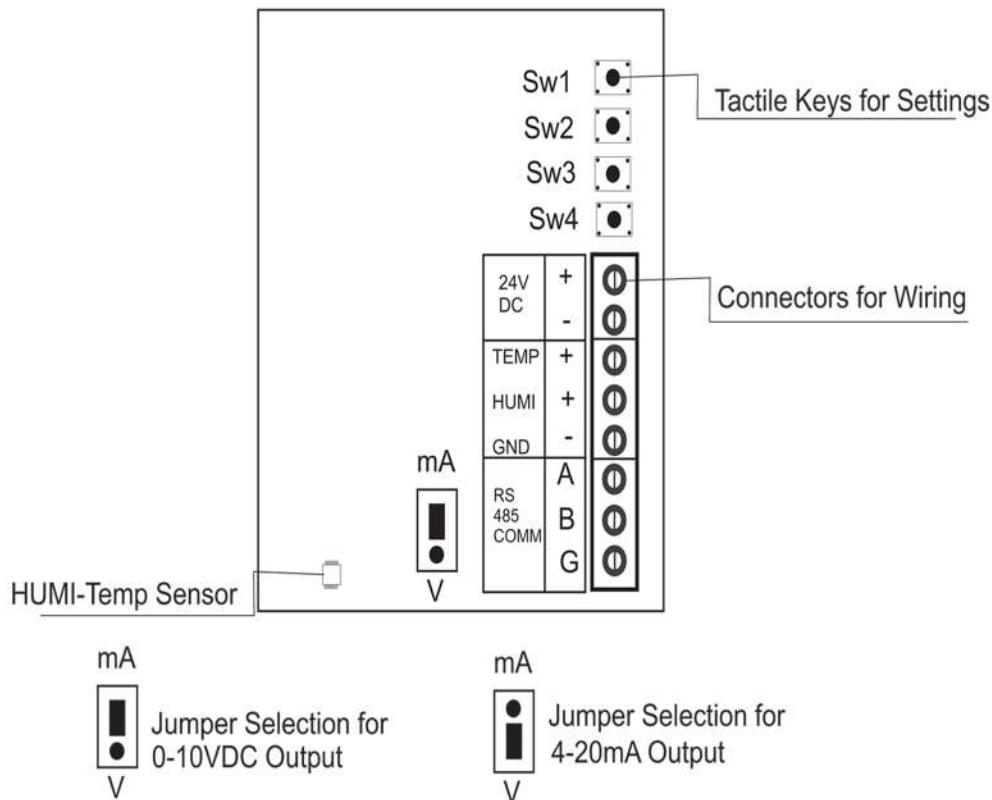


RS 485
MODBUS
COMMUNICATION

TECHNICAL SPECIFICATIONS

Sensor Type	Swiss make CMOS Sensor for Both Temperature & Humidity
Range	1) 0.0 to 50.0 Deg. C typical for Temperature (Any other range as per request) 2) 0.0 to 100.0 %RH typical for Relative humidity (Any other range as per request)
Display	Custom 128x64 LCD Graphic Display (Optional without display for Transmitter)
Accuracy	1) ± 0.2 Deg.C for 0.0 to 50.0 Deg.C for Temperature 2) $\pm 2, 3, \text{ or } 5$ %RH (5 to 95 %RH) for Relative humidity
Supply Voltage	24VDC, 250mA
Output	4 wire, 2 x 4-20mA/ 0-10VDC output 1 each for Temp & Humidity (to be selected at the time of ordering)
Enclosure	ABS plastic body with polycarbonate Sticker , IP30 rated
Warranty	12 Months Manufacturer warranty
Communication (Optional)	RS-485 Modbus Communication (Selectable Slave Id From 1 to 255 & Selectable baud rate of 4800,9600,19200,38400 bps)
Dimensions	80(W)x125(H)x30(D)mm.

WIRING DIAGRAM



CAD DIAGRAM

