HUMIDITY / TEMP TRANSMITTER

Description:

Humidity & Temperature transmitters are designed for environment monitoring and controlling in industrial, commercial and other buildings. These transmitters can be used for indoor air temperature and humidity monitoring in various indus- trial plant, clean room, lab, machine room, office and commercial building, airport, station, library and stadium.

Features:

- High performance digital sensors and circuits, ensure accurate measurement and temperature compensation
- Good long term stability and reliability
- 100% field changeable sensors, no re-calibration needed
- Fast response
- Multiple output signals selectable: 4-20mA, 0-5V or 0-10V,Modbus
- Display in degrees Fahrenheit or Celsius (connection to Modbus)

Specifications:

Relative Humidity:

Sensor	:	Capacitance Polymer
Range	:	0~100% non condensing
Output	:	4-20mA, 0-5V or 0-10V, RS 485
Accuracy	:	3% RH (25°C, 20~80% RH)
Hysteresis	:	< ±1% RH
Response time	:	< 10s (25°C, in slow air)
Drift	:	< ±0.5% RH / year

Temperature:

Sensor	:	10K internal
Range	:	-30~70°C(-22~158°F)/transmitter
Output	:	4-20mA, 0-5V or 0-10V, RS 485
Accuracy	:	< ±0.5°C @ 25°C

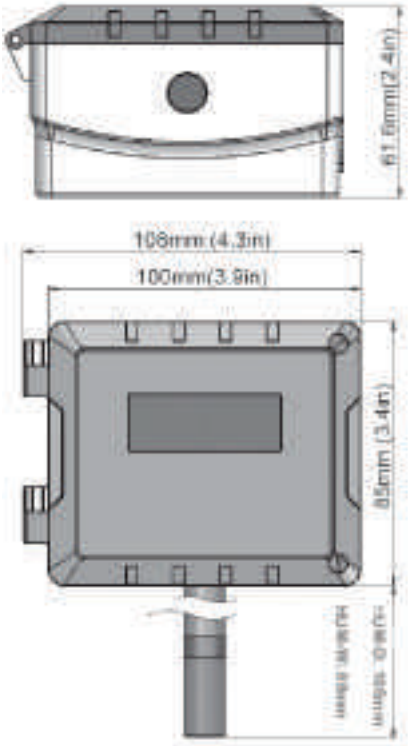
General:

Power	:	12 to 24V AC or DC, ±10%
Current Output Load	:	< 500Ω
Display	:	LCD screen for wall / outdoor mount and duct mount
Display Resolution	:	0.1°C, 0.1% RH
Temperature Limit	:	-30~70°C, 0~95% RH(Non condensing)
Plastic Housing	:	Flammability rating UL 94V0 file E194560
Protection	:	IP65, outdoor rated for duct and wall mount models; IP30 for room mount
Agency Approval	:	CE

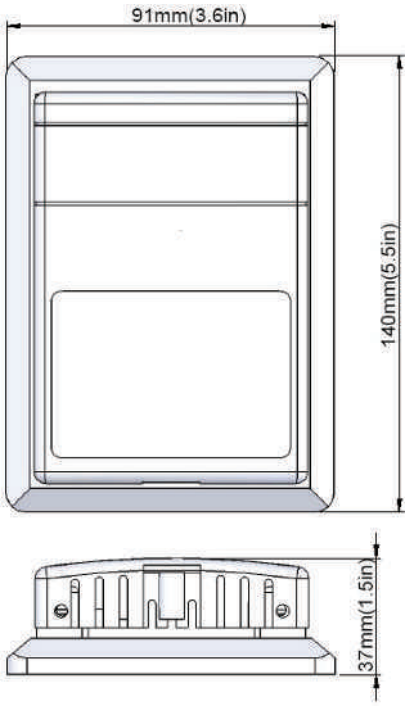
HUMIDITY / TEMP TRANSMITTER

Dimension:

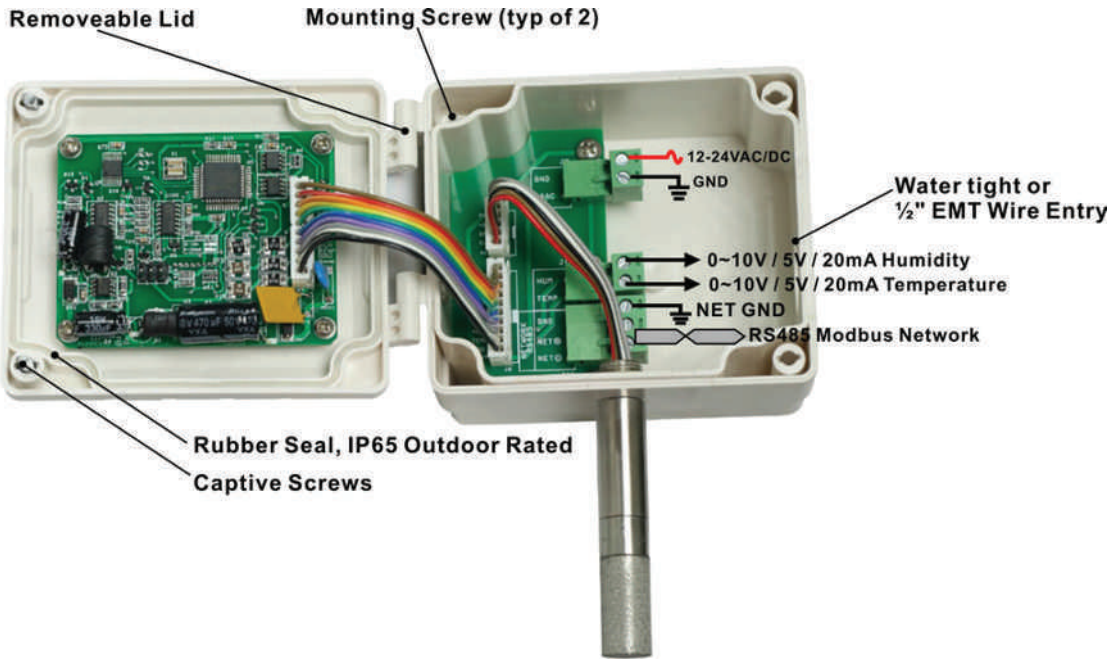
HUM-D & HUM-W:



=HUM-R: Room Mount



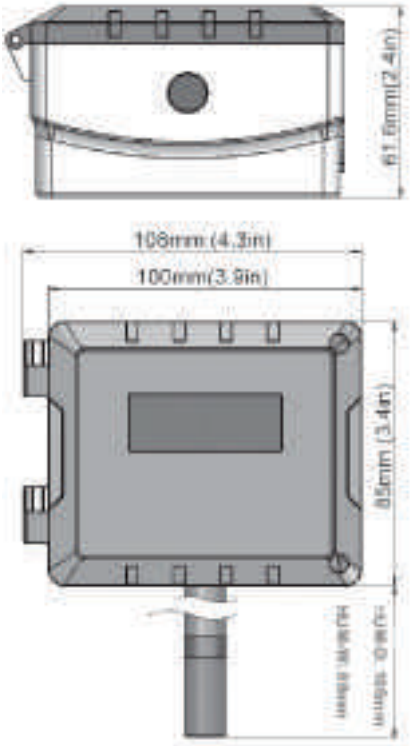
Highlights & Wiring Diagram



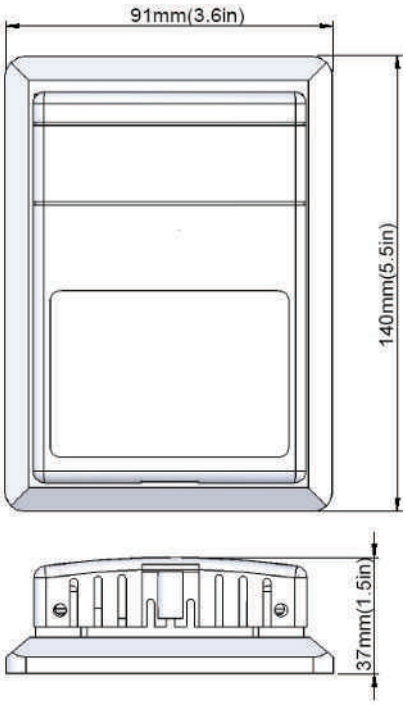
HUMIDITY / TEMP TRANSMITTER

Dimension:

HUM-D & HUM-W:



=HUM-R: Room Mount



Highlights & Wiring Diagram