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TASSERON THHOSD5B Humidity Sensors with Passive Temp Sigal Instruction Manual

Contents

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SAFE BOX HANDLING NOTES – PLEASE READ FIRST

To Open

1. Depress the bottom latch with a slotted screwdriver and the lid will pop out.
2. Pull the top of the lid straight out from the housing without lifting it.
3. Once entirely pulled out, lift the lid and it will remain in the open position until closed.

To Close

1. Push the lid down without latching the bottom.
2. Push in the top hinges until they snap into place.
3. Close the bottom until it latches.
4. Optional screw provided to more permanently secure lid to housing.

Mountina Instructions

Step 1 – Drill a 15/16″ hole in the desired location in the duct.
Step 2 – Align the opening in the mounting flange with a hole in the duct and attach the mounting flange to the duct using self-tapping screws. (Insert set screw if desired.)
Step 3 – Insert the sensor probe in the mounting flange and push until the sensor snaps into place (unless using adjustable set screw mounting). Wire through provided bottom or side access points. Additional snap-in conduit adapters are available if necessary. Proceed to Configuration Instructions.

Step 1 – Determine the wiring location (north side of the building if possible). Drill a hole, if necessary, then center and attach the mounting flange to the building.
Step 2 – If wiring from the rear, feed the wire from the hole into the rear access point on the sensor. Snap the sensor onto the mounting flange.
Step 3 – If wiring through side access points, pierce the grommet with a knife or remove and snap in the conduit

adapter. Additional conduit adapters are available if necessary. Proceed to Configuration Instructions.

Step 1 – Feed wires through hole in the rear of the console
Step 2 – Mount with screws, then mala cannastiana
Step 3 – Snap on the cover. Depress hooks through vents with a tool

Configuration Instructions for ALL Tasseron Humidity Sensors: For an optional passive temperature sensor, connect one wire to each quick-connect terminal labeled "TEMP" (non-polar).

Instructions for 4 to 20 mA Output

DIP Switch Configuration

Step 1 – Be sure the white Output mode DIP switches are in the proper configuration (see Fig 1). For 4-20mA output, DIP switch #2 must be in the LEFT/OFF position. Switch #1 has no function in this mode and is OFF by default.
Step 2 – Terminate control wires in quick connects as indicated in the table above. Only 2 wires are needed for 4-20mA output mode: 1. main power supply and 2. signal output. These wires terminate at "VIN" and "4-20mA".
Step 3 – Power on the control/power supply to the sensor.

Instructions for 0-5V or 0-10V Output
DIP Switch Configuration

Step 1 – Be sure the white Output mode DIP switch is in the proper configuration. For 0-5V output, DIP switch #1 must be in the LEFT position, and DIP switch #2 must be in the RIGHT position (see Fig 2). For 0-10V output, both #1 and #2 DIP switches must be in the RIGHT positions (see Fig 3).
Step 2 – Terminate control wires in quick connects as indicated in the table above. Three wires are needed for Voltage output mode: 1. main power supply (VIN), 2. common (COM), and 3. signal output (VOUT).
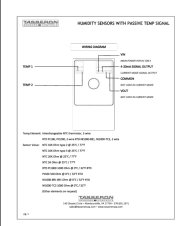**Step 3 –** Power on the control/power supply to the sensor.

SENSORS CONTROLS
140 Choate Circle Montoursville, PA 17754 570.601.1971
sales@tasseronusa.com + **www.tasseronusa.com**

Documents / Resources

TASSERON THHOSD5B Humidity Sensors with Passive Temp Sigal [pdf] Instruction Manual
THHOSD5B Humidity Sensors with Passive Temp Sigal, THHOSD5B, Humidity Sensors with Passive Temp Sigal, Sensors with Passive Temp Sigal, Passive Temp Sigal, Temp Sigal, Sigal

References

- **User Manual**