

INSTALLATION INSTRUCTIONS

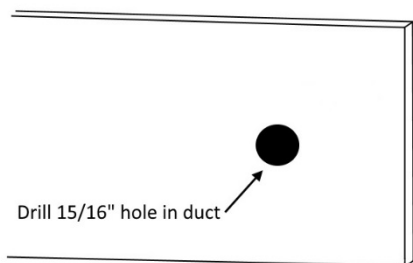
SAFE BOX HANDLING NOTES – PLEASE READ FIRST

To Open: 1. Depress bottom latch with a slotted screwdriver and lid will pop out. 2. Pull top of lid straight out from housing without lifting up. 3. Once entirely pulled out, lift lid and it will remain in open position until closed.
To Close: 1. Push lid down without latching bottom. 2. Push in top hinges until it snaps into place. 3. Close bottom until it latches. 4. Optional screw provided to more permanently secure lid to housing.

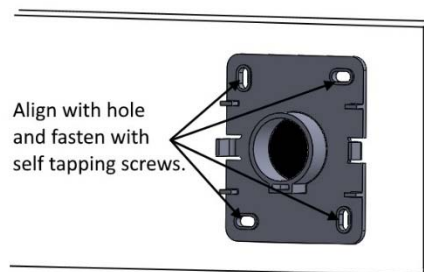
Mounting Instructions:



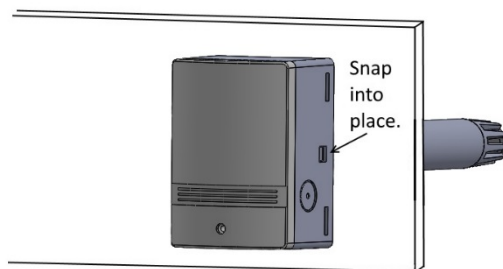
Step 1 – Drill 15/16” hole in desired location in duct.



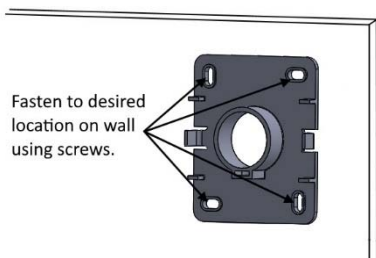
Step 2 – Align opening in mounting flange with hole in duct and attach mounting flange to duct using self-tapping screws. (Insert set screw if desired.)



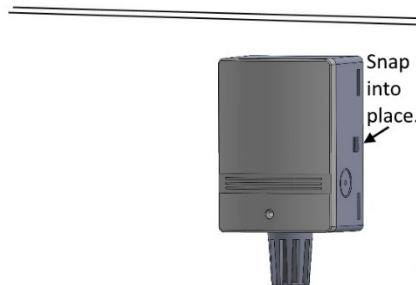
Step 3 - Insert sensor probe in mounting flange and push until sensor snaps into place (unless using adjustable set screw mounting). Wire through provided bottom or side access points. Additional snap-in conduit adapters available if necessary. Proceed to Configuration Instructions.



Step 1 – Determine wiring location (north side of building if possible). Drill hole, if necessary, then center and attach the mounting flange to building.

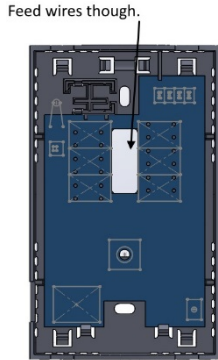


Step 2 - If wiring from rear, feed wire from hole into the rear access point on the sensor. Snap sensor onto mounting flange.

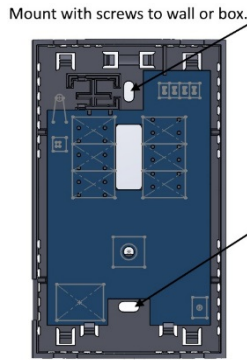


Step 3 – If wiring through side access points, pierce grommet with knife or remove and snap in conduit adapter. Additional conduit adapters available if necessary. Proceed to Configuration Instructions.

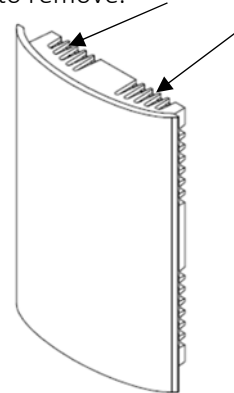
Step 1 – Feed wires through hole in rear of sensor.



Step 2 - Mount with screws, then make connections.



Step 3 – Snap on cover. Depress hooks through vents with tool to remove.



Configuration Instructions for ALL Tasseron Humidity Sensors:

For optional passive temperature sensor, connect one wire to each quick connect terminal labeled “TEMP” (non-polar).

Instructions for 4 to 20 mA Output

Terminal	Function
TEMP	2-pole connection for optional passive temperature sensor (no polarity)
VIN	Main power – DC only
4-20mA	Current mode signal output
COM	(not used in current mode)
VOUT	(not used in current mode)

DIP Switch Configuration



Figure 1: 4-20mA Output

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 control/power supply to sensor.

Instructions for 0-5V or 0-10V Output

Terminal	Function
TEMP	2-pole connection for optional passive temperature sensor (no polarity)
VIN	Main power – AC or DC
4-20mA	(not used in voltage mode)
COM	Common
VOUT	Voltage signal output

DIP Switch Configuration



Figure 3: 0-5V Output

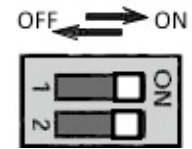


Figure 2: 0-10V Output

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 control/power supply to sensor.