



ET SERIES

Room Temperature Sensors for Continuum Installation Instructions

This is a system specific sensor that is polarity sensitive but not position sensitive. The unit is available in many different configurations including Room w/ Override, and Room w/ Setpoint, and Room w/ Override, and Setpoint. A + 24 VAC or +15 to 24 VDC LED option is available with each of the configurations listed above.

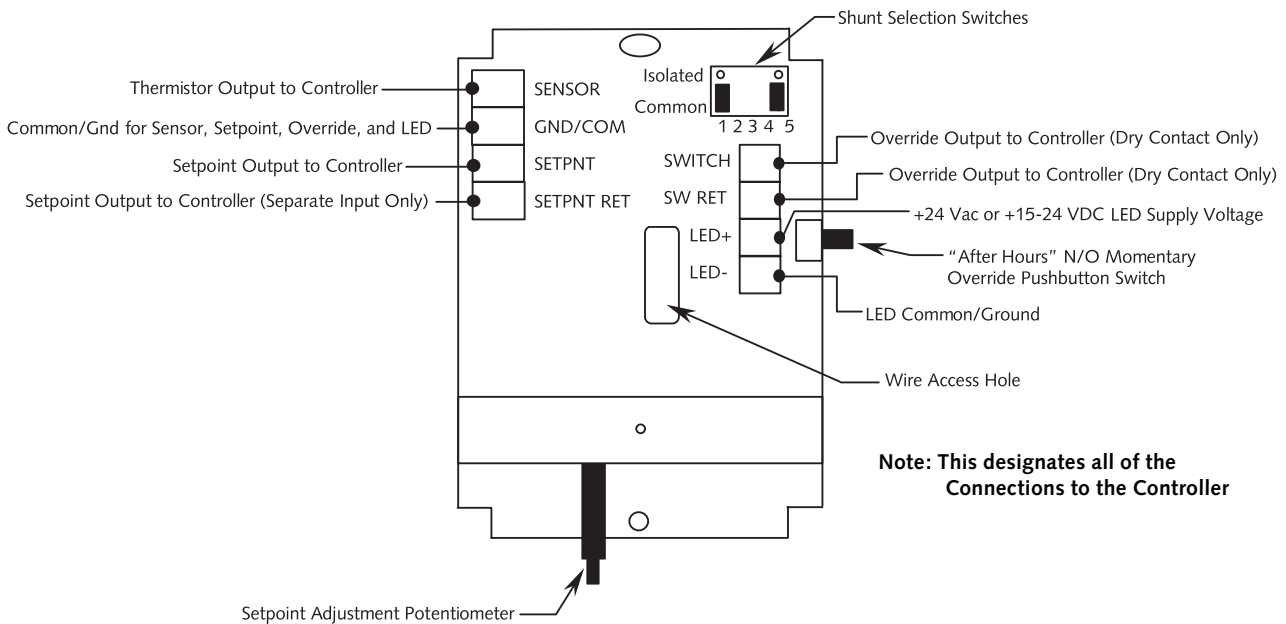
WIRING CONNECTIONS

A minimum of (4) to a maximum of (8) wires must be pulled to the unit for it to work properly. The number of wires is dependent on whatever options were ordered. Tour Andover Controls recommends using 18 to 22 AWG twisted pair wires or shielded cable for all sensor installations.

MOUNTING INSTRUCTIONS

The sensor is shipped as a two-piece unit. The base of the sensor should be mounted approximately 4' to 5' above the floor and away from any vents, outdoor sunlight, and outside walls. The sensor can be mounted to the drywall or over a standard 2" x 4" 1 gang junction box, using the mounting hardware provided. Once the base is mounted to the wall and all of the wiring connections are made, the cover may now be placed onto the unit and tightened down using the (2) 1/16" Allen screws at the bottom of the enclosure.

WIRING DIAGRAM



SHUNT SELECTION SWITCHES



Position #1: Common Position sets the N/O Override Pushbutton to short the thermistor (Temperature Sensor)

Position #5: Common Position sets the N/O Override Pushbutton to short the thermistor (Temperature Sensor)

The **Isolated** position is for setting the "After Hours" N/O Override Pushbutton Switch as a **Dry Contact Closure** (Separate Input) to the controller. This means that the N/O Override switch will no longer short the thermistor but will be wired to the **Switch** and **SW Return** terminal block.

TROUBLESHOOTING

- Sensor reads 0 ohms or very low resistance
- Sensor or wires are shorted together
- Sensor reads infinity or very high resistance
- Erratic readings
- Sensor or wires are open
- Bad wire connections – condensation on PCB board

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