

Troubleshooting Guide

LightSync Occupancy Sensor Input Module

LSOSI Part #97013494

Communication Issues

- Is the Module addressed correctly? (Remember 0s down for proper reference)
- Is there proper voltage from the transformer? 24vac from Red to Red, 12vac Red to Yellow.
- Panel mount- Is the 6-pin connector correctly aligned and firmly seated to output board?
- Remote mount- Are Data Cables connected to correct In/Out ports and seated properly? IN port does not pass power to other downstream devices.
 - Test Data Cables for damage and verify data cables are terminated properly (T568B standard) using a cable tester.

Sensor not controlling lights

- Does the Panel see the Module as “Connected”? If no, see “Communication Issues” above.
- Does the Panel see input closure from Sensor? If no, is there proper voltage to and from the sensor?
 - Out to sensor- 24vdc Black to Red (If 0 does voltage return when Blue wire removed?)
 - Return from sensor- 24vdc Black to Blue (if sensor detecting movement)
- Verify Input power current does not exceed 200Ma.
- Is the Input properly configured? Maintained on/off (or Maintained off only for vacancy sensor)?
- Are the correct Relays/Outputs properly mapped to the Input?

Sensor does not turn lights off

- “Stuck” inputs are usually due to a bad sensor head. Remove the blue wire. Does input open?
 - If multiple sensors on the same input, it only takes one bad one to hold up the entire run. Disconnect all sensors and reconnect one at a time until you find the bad one.
- Check sensitivity and time settings on the sensor and adjust if necessary.

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