Durable Pushbutton Switch to LightSync Input Module Wiring Details

LightSync Input Modules are designed for interfacing remote hardwired switches and LED pilot status indicators. ILC offers a few different styles of durable pushbutton switches with or without the LED status. Note: Switches without status only have red wires and are terminated as specified below.

**Input Connections:**
- Yellow (LED common) and 1 Red wire to COM terminal
- Red wire to ON terminal
- Blue wire to PILOT terminal

**Data Connections:** For the remote module option, connect the LightSync Cat5 data line to the IN port, then connect the OUT port to the next device.

Maximum wire length to switch:
- 3000 ft. using 16 AWG wire
- 2000 ft. using 20 AWG wire
- 300 ft. using 28 AWG wire

RJ-45 connectors for "R" remote mount option

To connect wire to the input, insert a small straight blade screwdriver in slot and apply pressure to open the spring clamp, insert wire then release.

Connector accepts 28 to 14 AWG wire.