

## Altos 2™ System Monitor Quick Start Guide



1. Remove the rubber hole-plug on lower right side of Altos 2 alarm.
2. With Altos 2 unplugged/turned off, unscrew 4 screws on outside corners of front cover.
3. Install transducer wire through the empty hole (using grommet, strain relief or conduit as required) to terminal block on circuit board.

### For Transducer Models:

4. Connect wires to terminal block J4 - terminals are numbered right to left (pin 1 marked on the circuit board):
  - a. J4-1 Channel 1 transducer return signal (connect black wire here)
  - b. J4-2 Channel 1 transducer supply +12V (connect red wire here)
  - c. J4-3 Channel 2 transducer return signal (connect black wire here)
  - d. J4-4 Channel 2 transducer supply +12V (connect red wire here)
5. Check to ensure the wires are firmly held in J4 terminal block prior to re-installing front cover.
6. Turn Altos 2 on – unit is pre-configured from factory to work with transducers.

***Note: Transducers may require calibration in order to display proper pressure values. See full ADI0025 for details***

### CONCOA Protocol Station (Pressure Switch Models) :

4. CONCOA supplied cables include a ground wire and color codes are slightly different than the off-the-shelf pressure switches listed above. CONCOA supplied pressure switches are typically “normally-closed”.
5. Follow instructions for off-the-shelf pressure switch gauges listed above – using wiring detailed below.
6. Connect wires to terminal blocks J1 and J2 - terminals are numbered left to right:
  - a. J1-1 Channel 1 pressure switch return signal (Protocol Station 6 pin connector pin 4/ CONCOA cable 5295341 orange wire)
  - b. J1-2 Channel 1 pressure switch supply +12V (Protocol Station 6 pin connector pin 3/ CONCOA cable 5295341 red wire)
  - c. J2-3 Channel 1 ground (Protocol Station 6 pin connector pin 6/ CONCOA cable 5295341 black wire)

- or -

- d. J1-3 Channel 2 pressure switch return signal (Protocol Station 6 pin connector pin 4/ CONCOA cable 5295341 orange wire)
- e. J1-4 Channel 2 pressure switch supply +12V (Protocol Station 6 pin connector pin 3/ CONCOA cable 5295341 red wire)
- f. J2-3 Channel 2 ground (Protocol Station 6 pin connector pin 6/ CONCOA cable 5295341 black wire)

**CONCOA Switchovers (Pressure Switch Models):**

- 4. CONCOA supplied cables include a ground wire and color codes are slightly different than the off-the-shelf pressure switches listed above. CONCOA supplied pressure switches are typically “normally-closed”.
- 5. Follow instructions for off-the-shelf pressure switch gauges listed above – using wiring detailed below.
- 6. Connect wires to terminal blocks J1 and J2 - terminals are numbered left to right:
  - a. J1-1 Channel 1 pressure switch return signal (Switchover 6 pin connector pin 1/ CONCOA cable 5295340 blue wire)
  - b. J1-2 Channel 1 pressure switch supply +12V (Switchover Station 6 pin connector pin 3/ CONCOA cable 5295340 red wire)
  - c. J1-3 Channel 2 pressure switch return signal (Switchover 6 pin connector pin 4/ CONCOA cable 5295340 orange wire)
  - d. J2-3 Channel 2 ground (Switchover Station 6 pin connector pin 4/ CONCOA cable 5295340 black wire)

**For safety, agency, more complex systems, intrinsically-safe systems, calibrations, units and for a more detailed explanation of all features and options, see the full ADI 0025 provided with the system.**

