

READ THESE INSTRUCTIONS BEFORE YOU BEGIN INSTALLATION

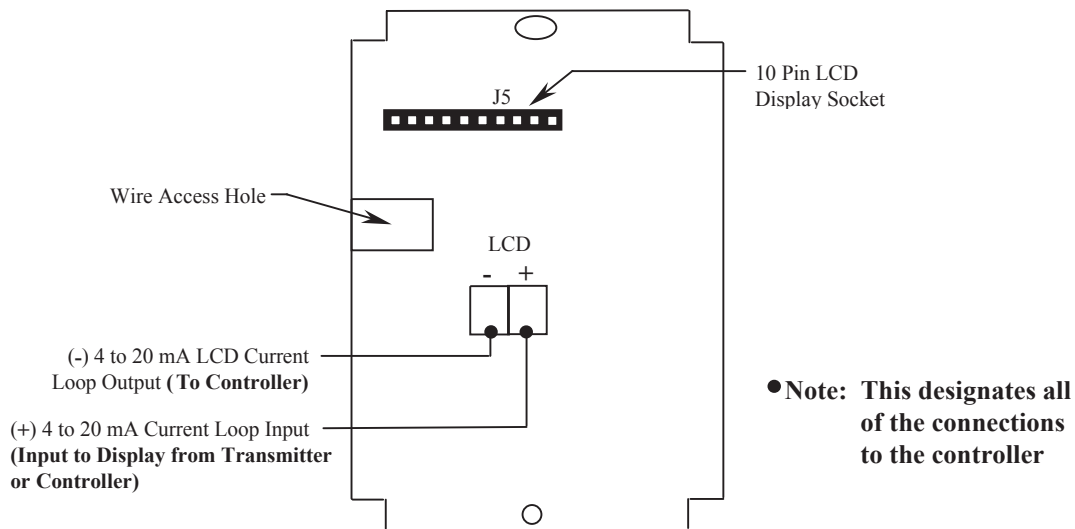
The ACI/LCD-4 to 20 mA LCD is a Loop Powered, Liquid crystal display unit. Humidity, temperature, and pressure inputs may be displayed, but are limited as far as the number of significant digits depending on the ranges. **DO NOT apply power to the (+) Input terminal or you may damage the LCD Display!**

■ TROUBLESHOOTING

Display Not Working

Wires not connected correctly, No Signal from Transmitter or Common Ground. Also, make sure the display is plugged in correctly after mounting.

■ WIRING DIAGRAMS



■ WIRING CONNECTIONS

(2) Wires must be pulled for the ACI/LCD-4 to 20 mA Display to work properly. ACI recommends the use of 18 to 22 AWG twisted pair wires or shielded cable for all sensor installations.

■ POWER CONNECTIONS

ACI/LCD-4 to 20 mA will drop a maximum of 7 VDC, therefore:

$$V_s - V_1 > 7VDC$$

Where: V_s = Source Voltage
 V_1 = Voltage Requirement of Transmitter (Load)
 7V = Maximum Voltage Drop of ACI/LCD-4 to 20 mA

■ MOUNTING INSTRUCTIONS

The LCD is shipped as a two-piece unit. The LCD Display Module must be unplugged from the 10 pin connector before the base of the sensor may be mounted to either the drywall or over a standard 2" x 4" junction box using the mounting hardware provided. After the unit is mounted to the wall, the LCD Display Module should then be gently re-inserted into the 10 pin connector (J5). The cover may now be placed onto the unit and tightened down using the (2) 1/16" Allen screws at the bottom of the housing.