

## Quick Start ADC-16 Temperature Input Set-Up

(1) Connect your serial cable to the 6 position terminal block on your ADC-16 as follows:

- Green to terminal (T)
- White to terminal (R)
- Red to terminal (-)
- Black to terminal (S) (optional)

(2) Connect the PS-GP-1 to the 6 position terminal block on your ADC-16 (-) is Black (+) is Red.

(3) Connect your serial cable to the Com 1 RS-232 port on your PC and plug in your PS-GP-1 wall adapter.

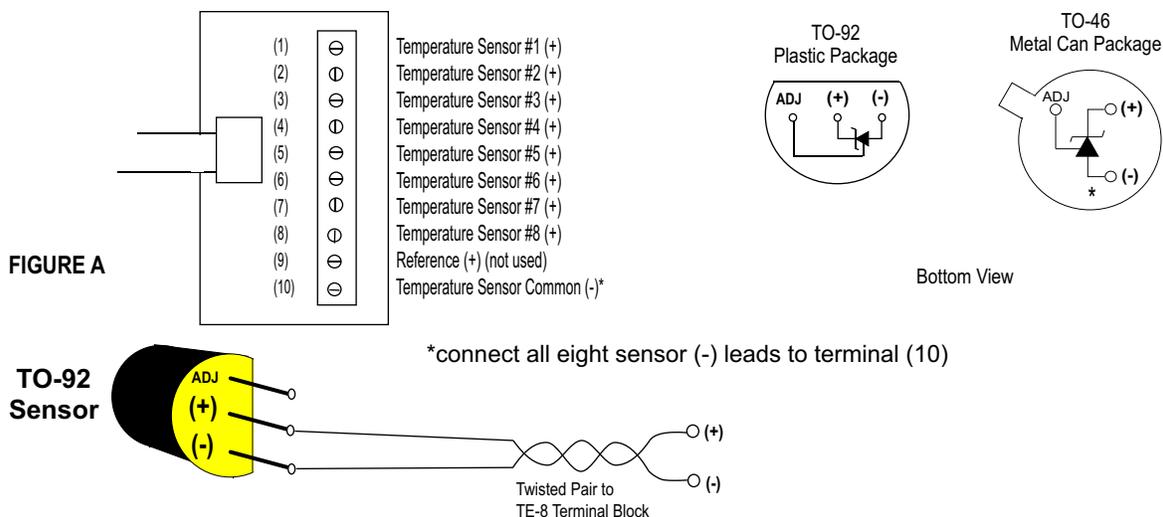
(4) Install your ADC-16 Data Acquisition software provided on the enclosed CD. Run setup.exe in the Windows Data Acquisition folder. If you receive a message that the file you are installing is older than the file on your system, keep your existing file and do not overwrite (click yes).

(5) If the ADC-16 is connected to Com 1 you may start the Data Acquisition program. If you are connected to a Com port other than Com 1 then edit the ADC-16.dat file in the Program Files\ADC-16 Analog to Digital folder (see the readme file in the same folder), or you may also set the Com port within the test program.

(6) After starting the Data Acquisition program, open file ADC-16E.dat (temperature input settings).  
For 10 bit inputs, open file ADC-16EG.dat

(7) Connect your first sensor to input # 1 (without trimpot) being careful not to reverse the sensor polarity.  
(+) center lead goes to terminal (1) (-) lead goes to terminal (10) (adjust is not connected)

### TE-8 TERMINAL BLOCK CONNECTIONS



(8) Calibrate your sensor using the pull down menu Scale and adjust the Offset value up or down in degrees for the correct temperature display. Example: if your temperature reading is 70 degrees F and the actual