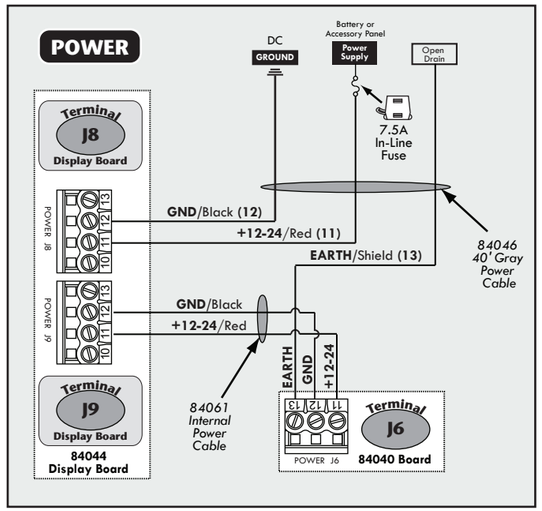
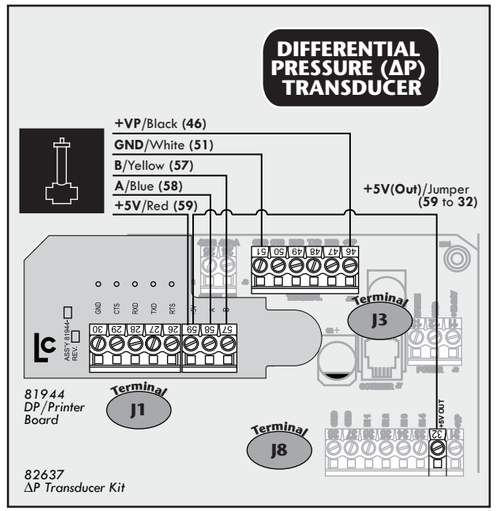
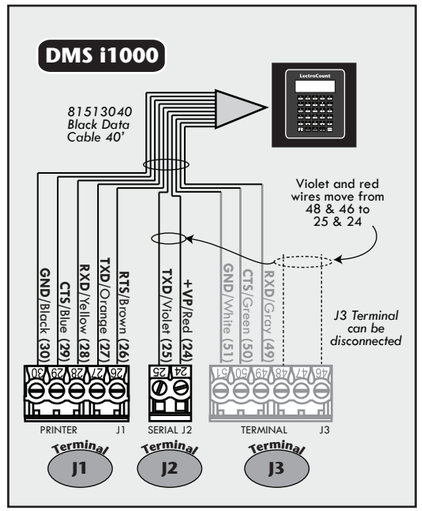
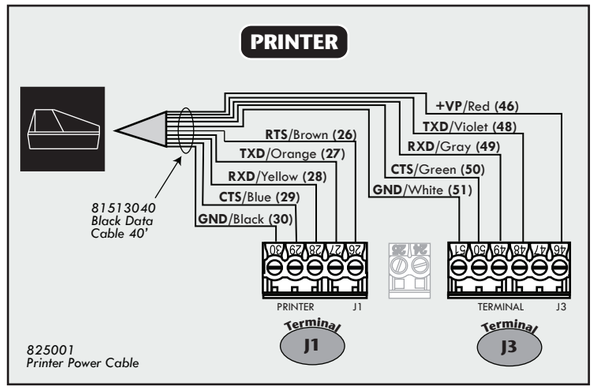
LECTROCOUNT LCR 600 CPU 84404 WIRING SCHEMATIC

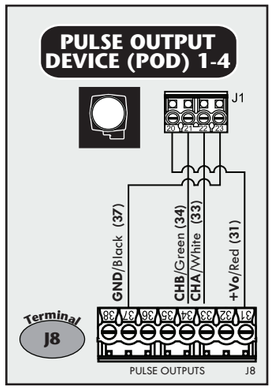
E3700/E3701

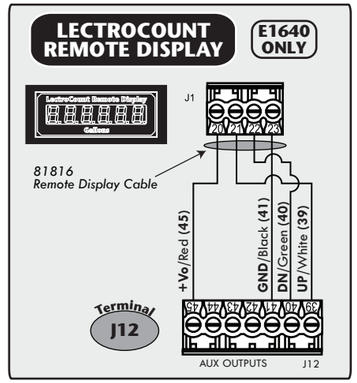


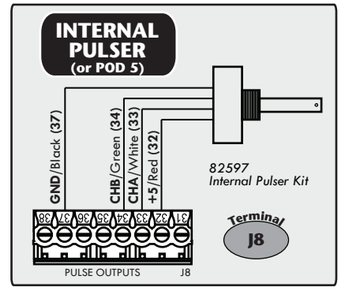


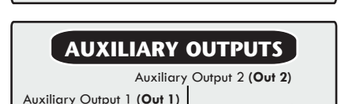


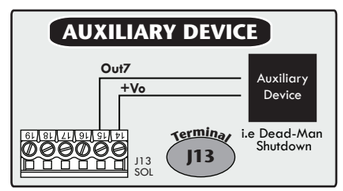




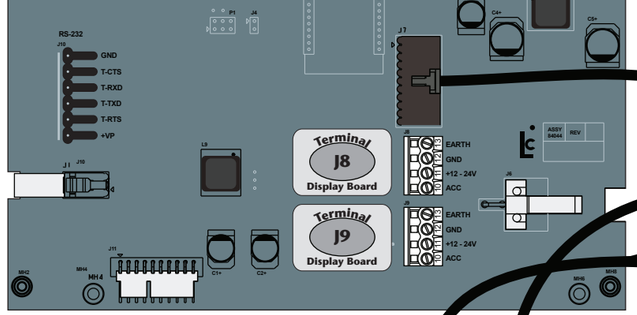




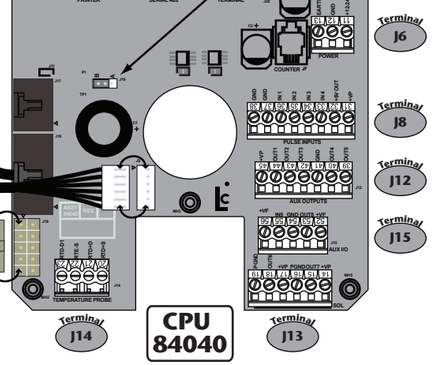




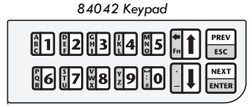
84044 LCR 600 Display Interface Board



84057 Display Board Cable

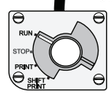


84042 Keypad



84063 Keypad Cable

Keep gray wire at bottom



81832 LCR 600 Switch Harness

84048 LCR 600 Switch Plate

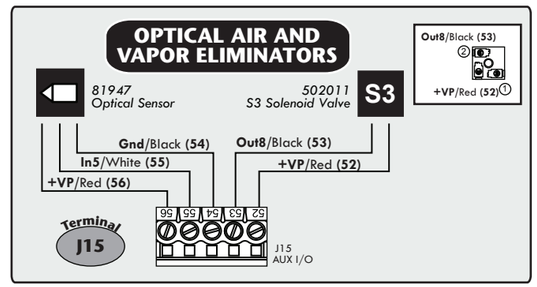
J10 Communications Jumper
LCR 600 - Always in B position

Power, input and output (I/O) wiring must be in accordance with the area classification for which it is used (Class I, Div 1). For North America, installations must be per the U. S. National Electrical Code, NFPA 70, or the Canadian Electrical Code in order to maintain Class I, Division 1 ratings. This may require using connections or other adaptations in accordance with the requirements of the authority having jurisdiction.

WARNING: Explosion Hazard - Substitution of components may impair suitability for Class I, Division 1 applications.

WARNING: Explosion Hazard - When in hazardous locations, turn power OFF before replacing or wiring modules.

WARNING: Explosion Hazard - Do NOT disconnect equipment unless power has been switched OFF or the area is known to be Non-Hazardous.

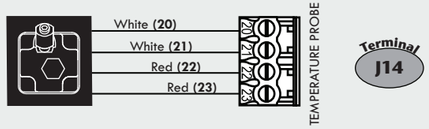


ESD PRECAUTION OPENING LECTROCOUNT REGISTERS
Before opening the LectroCount register and handling the CPU board, it is important to discharge any ESD that may have built up on your person. To discharge ESD from your person, touch a well-grounded point such as the LectroCount register housing, the meter, the truck piping, or the bumper. When the maintenance is complete and the LectroCount register door is closed, the CPU board is protected from ESD by the LectroCount register housing which is grounded to the chassis.

For positive ground installation, contact the Liquid Controls Service Department

ETVC
(Electronic Temperature Volume Compensation)

71130 Temperature Probe



SOLENOID VALVES

Single Stage

81527 3-Way Solenoid (LPG)
A2843 Block Valve (LPG)

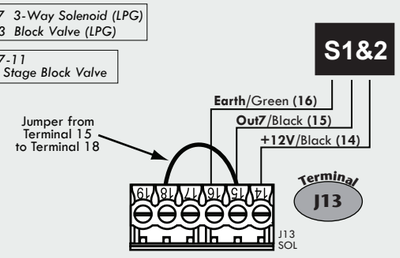
A2847-11 Single Stage Block Valve

Two Stage

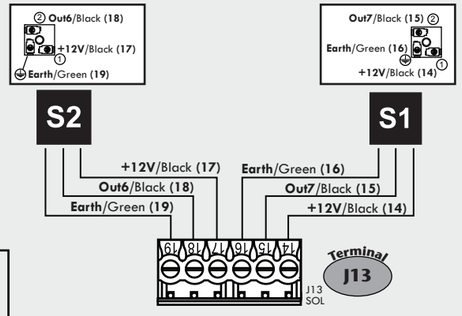
81527 3-Way Solenoid (LPG)
A2859-11 Block Valve (LPG)

A2848-11 Two Stage Block Valve

A2982 E-7 Two Stage Piston Valve



Solenoid operated valve 81527 (3-way LPG solenoid) has 3 cables potted into the housing. All other solenoid operated valves on Liquid Controls valves use cable assembly 81859, which has 2 cables.



The Earth grounds for Terminals 16 & 19 are optional. The solenoid operated valves are grounded through the component they are mounted on.