LECTROCOUNT LCR-II WIRING SCHEMATIC

Lap Pad
P.N. E40301

EPSON Slip Printer
P.N. E49004

Printer
Power Cable
P.N. 825001

Trim-off
drain wire

BLACK
RED
BLACK
RED

GND

+12 VDC
Accessories

In-Line Fuse
(7.5 Amp)

NOTE: For Positive Ground vehicles, contact Liquid Controls Service department.

Hand Held
Computer
P.N. 81532

Power Supply
Assembly
P.N. 82521

Lap Pad
Adapter
P.N. 81514

Printer
Cable
P.N. 81513040

Register
Power Cable
P.N. 81512

For internal wiring, see POD Installation Manual.

If POD is used instead of internal pulser, connect to connector J8.

RED (31)
GREEN (34)
WHITE (33)
BLACK (38)

POD Pulser

Data Cable
P.N. 81572

If using a Single Channel pulser, place a jumper here.

BLACK (8)
RED (7)

BLACK
BLUE
YELLOW
ORANGE
BROWN
BLACK
RED
WHITE
GREEN
GRAY
VIOLET
RED

J1 J2 J3

CPU Board
P.N. 81547-1

GREEN
BLACK
RED

J6

Grayhill
Quadrature
Internal Pulser
P.N. 81809

J4

For Hand Held PC, jumper must be in RS-485 position.

Connect other end of cable to the back of the display located on front cover.

Display Coiled Cable
P.N. 81330

J7

BLACK (38)
WHITE (33)
RED (32)
GREEN (34)

Switch Harness
P.N. 81839

VIOLET (36)
BLACK (37)
GREY (35)

SELECT
INCREASE

Membrane
Switch
P.N. 81838

Power/Data Cable
P.N. 71231

J10
RS 485
RS 232

IMPORTANT: Move the jumper ONLY when power is OFF.

For Lap Pad, jumper must be in RS-232 position.

J9

J8

Display Internal
Connections (J1)

RED (45) 21
BLACK (41) 23
GREEN (40) 22
WHITE (39) 20

J12

LectroCount
Gallons

Auxiliary
Remote Display
E1600 Series

Display Cable
P.N. 81816

IMPORTANT: Move the switch ONLY when power is OFF.

UP position when using the Lap Pad (RS 232)

DOWN position when using the Hand Held PC (RS 485)

RED
BROWN
GREEN

If Protocol Switch is used instead of jumper, connect to J10 with WHITE stripe side towards center of board.

Protocol
Switch

J11

J5

WHITE
WHITE
RED
RED

Temperature
Probe
P.N. 71130

J14

GREEN
BLACK
BLACK

J13

Switch Plate
P.N. 81819

DELIVERY
SELECTIONS
RUN
STOP
PRINT
SHIFT
PRINT
PRODUCT # SHIFT TOTAL
PRODUCT # TOTALIZER TIME
PRODUCT # PRESET
FLOW RATE TEMP

BROWN
RED
ORANGE
YELLOW
GREEN
BLUE

Switch
Harness
P.N. 81832

Solenoid Valve
P.N. 81527
(Propane Applications)

S2 S1

S1

S2

INLET

Two-Stage
Block Valve
P.N. A2848-11
(Fuel Oil Applications)