

INSTALLATION AND CALIBRATION

FOR EXPLOSTION PROOF BATTERY INDICATOR

MODEL BI-850-128

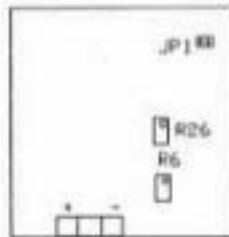
(03/17/93)

This unit is used to indicate the battery condition of a 128 VDC system. A two conductor cable connects the battery power source to the terminal block on this unit. The terminal block is marked with “+” and “-“. The center position of the terminal block must be unconnected for this application. The positive wire should be connected to the in-line fuse (1/2 Amp), then connected to the terminal block “+“. The negative wire is connected directly to the terminal block “-“.

The unit requires a one minute warm up period to allow the internal circuitry to stabilize.

The model BI-850 is already factory calibrated. The following procedure is for calibration, if it becomes necessary.

- 1. Take the jumper JP1 off from the PC board.
- 2. Connect unit to 128 VDC power. All the green LEDs should be on. Red LED is off. Turn R6 clockwise if the last green LED is not on.
- 3. Connect unit to 102 VDC power. First green LED should be on. Turn R6 counterclockwise if the second green LED is on. Turn R6 clockwise if first green LED is not on. Red LED should start to flash. Turn R26 clockwise if needed to make it flash.
- 4. Connect unit to 108 VDC power. First two green LEDs should be on. Turn R6 counterclockwise if the third green LED is on. Turn R6 clockwise if second green LED is not on. Red LED should stay off. Turn R26 counterclockwise if needed.
- 5. Put JP1 back in place.



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