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## TROUBLESHOOTING NOTE #3

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### *Problem: Field Change of the Analog Output Signal for the 1250A*

To effect a change of the analog output of a 1250B in the field, several steps must be taken. Depending on the SCADA interface requirements, either of the following may be desired:

- Change of a 0 to +1 mA output to a -1 to +1 mA output
- Change of a -1 to +1 mA output to a 0 to +1 mA output

This Troubleshooting Note exclusively addresses the 1250A. For 1250B, see Troubleshooting Note #2 (000-1151)

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### *1) Changing a 0 to +1 mA output to a -1 to +1 mA output:*

- A) Remove the monitor from its case.
- B) Remove the 2 screws from the top PCB board.
- C) Separate the **bottom PCB** from the **middle PCB**.
- D) Remove the wire wrap jumper from **J13 pins 1 – 16** (long DIP header in the center of the PCB, see illustration below).
- E) Remove the wire wrap jumper from **J8 pins 3 – 4** (4 pin header near the blue trim pots, near the front of the PCB).
- F) Install a wire wrap jumper on **J8 pins 1 – 2** (pins 1 & 2 are towards the center of the PCB).
- G) Carefully re-assemble the PCB's. Do not bend any of the interconnection pins.
- H) Install the 2 screws into the top PCB and slide the unit back into its case.
- I) Perform the Field Calibration Procedure found in the 1250 manual (000-1077), Section 4.0 (Download at: [http://www.incon.com/tech\\_service/prs/prs-support.htm](http://www.incon.com/tech_service/prs/prs-support.htm) ).

## 2) Changing a -1 to +1 mA output to a 0 to +1 mA output:

- A) Remove the monitor from its case.
- B) Remove the 2 screws from the top PC board.
- C) Separate the **bottom PCB** from the **middle PCB**.
- D) Install a wire wrap jumper on **J13 pins 1 – 16** (long header in the center of the PCB).
- E) Remove the wire wrap jumper on **J8 pins 1 - 2** (4 pin header near the blue trimpots, near the front of the PCB).
- F) Install a wire wrap jumper on **J8 pins 3 – 4** (pins 3 & 4 are towards the blue trimpots).
- G) Carefully re-assemble the PCB's. Do not bend any of the interconnection pins.
- H) Install the 2 screws into the top PCB and slide the unit back into its case.
- I) Perform the Field Calibration Procedure found in the 1250 manual (000-1077), Section 4.0.

