

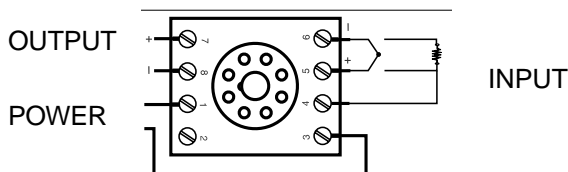
IsoVerter®II

Model 4130 and Model 4151

INSTALLATION INSTRUCTIONS

WIRING

Mount socket and wire per diagram.



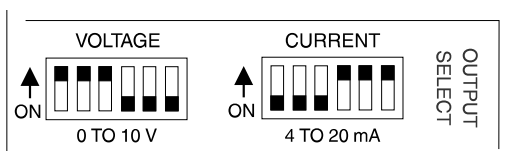
Carefully remove the four screws from the bottom of the plug end. Slide the cover off.



WARNING: Do not plug in or power this device with the cover removed. Potentially lethal voltage is present on some of the internal components. Make sure that the cover is firmly in place before plugging into the socket.

OUTPUT PROGRAMMING

For 0 to 10 VDC output turn switches one, two and three ON. Switches four, five and six are OFF.



For 4 to 20 mA output turn switched one, two and three OFF. Switches four, five and six are ON.

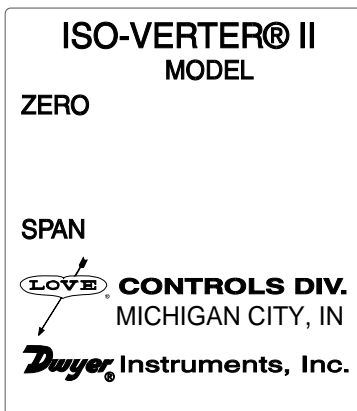
Replace cover. Make sure that the ZERO and SPAN adjustment screws are visible through the holes in the top of the cover. Carefully replace the four screws. **DO NOT OVER TIGHTEN.**



WARNING: Do not attempt to calibrate this device with the cover removed. Potentially lethal voltage is present on some of the internal components. Make sure that the cover is firmly in place before plugging into the socket.

CALIBRATION

1. Apply the appropriate input for the low end of the scale.
2. Adjust the ZERO screw for the appropriate low end output.
3. Apply the appropriate input for the high end of the scale.
4. Adjust the SPAN screw for the appropriate high end output.
5. Repeat as necessary.



SPECIFICATIONS

Power Supply: 85 to 265 VDC / VAC 50 to 400 Hz.

Isolation: 1500 VAC

Ambient Temperature Range (operating): 0° to 55° C (32° to 131° F)

Linearity: 0.25%

Drift: $\pm 0.02\%$ per °C typical, $\pm 0.05\%$ maximum.

Maximum current output load: 600 ohms.

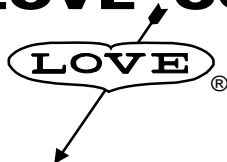
Maximum voltage output load: 20mA (500 ohms).

Input Characteristics:

Thermocouple Impedance: 3 Megohms minimum.

RTD search current: 500 μ A maximum.

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