⚠ WARNING

This Guide is not a substitute for the manual contained in the Product Literature CD. The Ultima XL/XT Series Gas Monitor Manual must be carefully read by all individuals who have or will have the responsibility for using or servicing the product. Failure to follow this warning can result in serious personal injury or loss of life.

1. Remove the lid and the electronics from the enclosure (FIGURE 1).

2. Mount the enclosure in the desired location and run wiring to the enclosure.

3. Mount the sensor module in the applicable conduit entry. Ensure the sensor wiring harness is through the entry and the sensor is pointing downward. Tighten with a strap wrench.

4. Connect 8 to 30 VDC power lead to J1-1 (FIGURE 2).

5. Connect J1-2 to the 4 - 20 mA input on remote system.

6. Connect the sensor module to J-3 on the main pc board.

7. Connect Barrier (if included) to J2 (FIGURE 3).

8. Assemble the electronics assembly and the lid on the enclosure.

9. After 30-second countdown, observe that the green LED is ON and red LED IS OFF.

10. Perform a gas check to ensure proper operation.

11. The sensor is factory-configured, but may be reconfigured using a suitable HART Controller.

12. HART communication requires the 4-20 mA output be terminated by a minimum of 230 ohms.
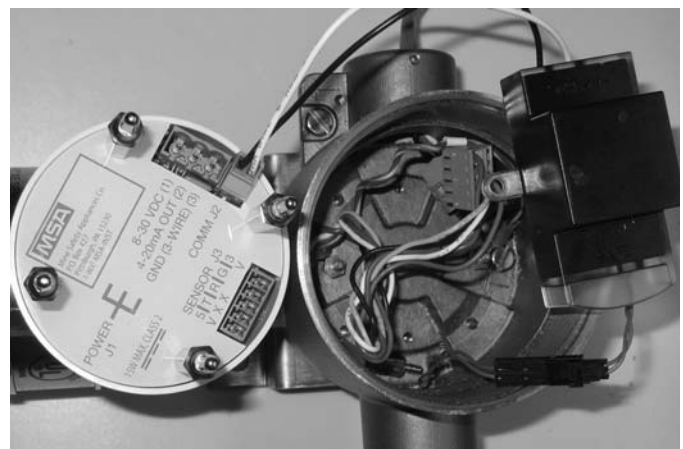

Figure 1

Figure 2

Figure 3