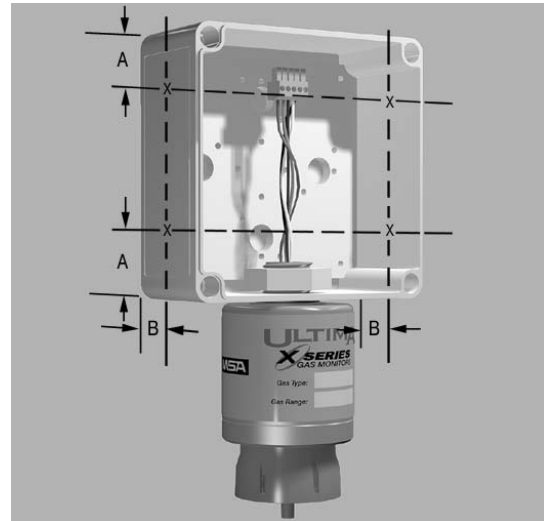### ⚠ WARNING

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.

This is a general-purpose (GP) Gas Monitor and can be a source of ignition. Install, locate and operate only in a non-hazardous area and in accordance with all applicable codes.

1. Remove the lid and drill the enclosure for power, signal and optional relay cable entry (FIGURE 1). Care must be taken if non-recommended cable entry locations are required to prevent mounting interference.

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

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

4. Connect the signal ground wire to J1-3 (3 wire mA).

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 HART Port to J2 (FIGURE 3).

8. Assemble lid on the enclosure.

9. Apply power.

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

11. Perform a gas check to ensure proper operation.

12. The unit is factory configured, but can be reconfigured with a suitable HART Controller.

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

A = 1-1/4 inch, B = 1-1/8 inch
Figure 1

Figure 2

Figure 3