**ULTRA MAG SPLICE KIT INSTRUCTIONS**  
(For Remote Mount Unit)

**IMPORTANT NOTICE ON FLOW METER ACCURACY:** The flow meter, the cable and the electronics are factory calibrated for accuracy as a single unit. Changing the cable length with the Splice Kit changes the accuracy of the meter and invalidates the calibration certificate.

**PREPARATION**

1. Disconnect power to the converter.
2. Remove panel from converter and disconnect wires from terminals inside converter. Remove cables from the converter.
3. Cut sensor cable wire leads about 1-1/2" from the edge of the cable jacket.

**INSERTING AND ROUTING WIRES**

4. Route the sensor cables through the liquid tight strain reliefs (provided) in the side of the splice box. Pull only enough cable through the liquid tight strain relief to allow for easy connection to junction terminals.
   
   **NOTE:** Black jacket of sensor cable must be routed through the rubber grommet of the liquid tight strain relief for proper sealing.

5. Route the extension cables through the liquid tight strain relief provided in the side of the splice box. Pull only enough cable through the liquid tight strain relief to allow for easy connection to connectors.
   
   **NOTE:** Black jacket of extension cable must be routed through the rubber grommet of the liquid tight strain relief for proper sealing.

**CONNECTING WIRES**

6. Connect extension cable leads to the sensor cable leads using gel cap connectors. Check wire color diagram to ensure proper wiring arrangement.

7. Wire the extension cable to remotely mounted converter terminals. Be sure to use liquid tight strain reliefs for all power and signal cables.

**INSTALLING THE SPLICE BOX**

8. Restore power to the converter and check for proper operation – check for any faults.

9. Install cover on remotely mounted converter.

10. Tighten the cap of the liquid tight strain relief at the splice box to ensure no moisture can penetrate the splice box around the extension cable.

11. Install the splice box cover (with gasket) using four screws.