

ULTRA MAG[®]

ULTRA MAG SPLICE KIT INSTRUCTIONS (For Remote Mount Unit)

- 1) Disconnect power to the converter.
- 2) Remove panel from converter (see manual), disconnect wires from terminals inside converter.
- 3) Route the sensor cable through the liquid tight strain relief (provided) in the side of the junction 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.
- 4) Connect sensor wires to one side of terminals inside junction box. Be certain wires are clean and making good contact inside the terminal – snug screws in terminals to firmly hold wires in place.
- 5) Route the extension cable through the liquid tight strain relief (provided) in the side of the junction box. Pull only enough cable through the liquid tight strain relief to allow for easy connection to junction terminals. NOTE: Black jacket of extension cable must be routed through the rubber grommet of the liquid tight strain relief for proper sealing.
- 6) Connect extension cable leads to junction terminals where the matching sensor wires are connected. Check wire colors to ensure proper wiring.
- 7) Wire extension cable to remotely mounted converter terminals (see manual page 11). Be sure to use liquid tight strain reliefs for all power and signal cables.
- 8) Restore power to the converter and check for proper operation – check for any faults (see manual).
- 9) Install cover on remotely mounted converter (see manual).
- 10) Tighten the cap of the liquid tight strain relief at the junction box to ensure no moisture can penetrate the junction box around the extension cable.
- 11) Fill the junction box with a moisture proof, non-shrinking, potting compound for electrical connections. Allow the compound to cure – install the junction box cover (with gasket) using four screws.

**McCROMETER**3255 WEST STETSON AVENUE • HEMET, CALIFORNIA 92545-7799 USA • TEL: 951-652-6811 • FAX: 951-652-3078
Visit our Website: www.mccrometer.com • E-Mail: info@mccrometer.com

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