



Q9 Computer Retrofit Kit

A1 & 03 2" Aluminum Electronic Digital Meters

This Kit includes:

- (1) Replacement Computer Assembly with (2) (AAA) Alkaline Batteries
- (4) Screws (4-40 X 3/8" Machine Screws) For Metal Body Turbines
- (1) Seal
- (1) Battery Pad
- (1) Splice Assembly with Connector Housing
- (2) Butt Splice Connectors

Installation Instructions:

1. Your meter must be installed with the arrow pointed in the direction of flow.
Note: You can rotate the computer display 180 degrees before it is installed.
2. Check that the batteries are secure in the back of the replacement computer.
3. Unplug the (2) coil wire terminal pins from the double socket at the back of the old computer. Discard old computer.
4. Cut off the (2) coil wire terminal pin ends using dimension shown (see Figure 1) and discard ends. A flexible polyolefin tube casing covers the remaining (2) coil wires. Carefully strip 1" of the polyolefin tubing from the cut end of each coil wire. Do not cut or remove the jacket insulation from the coil wires (see Figure 2).
5. Insert (1) of the coil wires just prepared, and (1) of the wires from the splice assembly, fully into a butt splice connector (see Figures 3 & 4). Squeeze the round top of the butt connector tightly onto both wires. Internal contacts penetrate the wire insulation, capturing the wires, and releasing an insulation gel for protection. Repeat process and connect the remaining (2) wires together.
6. Place the battery pad into the computer mount cavity, connect the spliced end of coil wire to the computer (see Figure 5), and mount the computer. Attach the computer to the turbine using the four corner holes in the faceplate and the screws provided (4-40 x 3/8"). Make sure the seal is fully seated in the computer housing groove before tightening the screws.
7. Check meter accuracy before using. Make sure there is no air in the system by starting the flow until it runs steadily. Then stop the flow using a valve or nozzle.
8. Hold down **DISPLAY** button for three seconds to reset the meter's Batch Total to zero. When zeroes appear, release the button.
9. Meter an exact known volume into an accurate container. For best results, meter with one continuous full stream.
10. Check the readout. If the amount metered is accurate, field calibration is not necessary. If not, refer to the Field Calibration Section in your Owner's Manual.

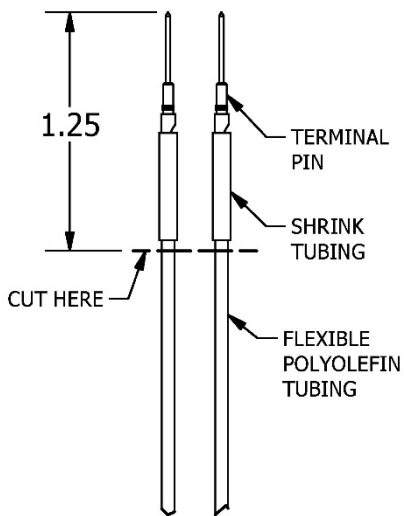


Figure 1

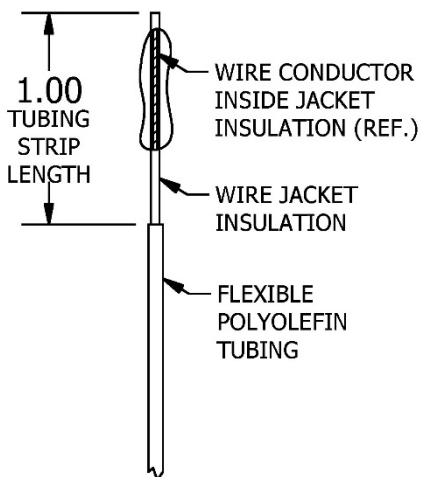


Figure 2

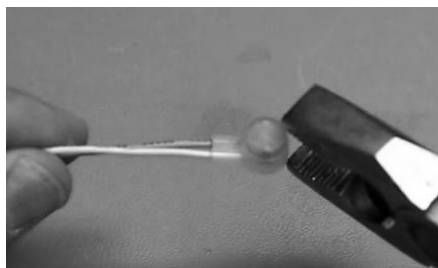


Figure 3

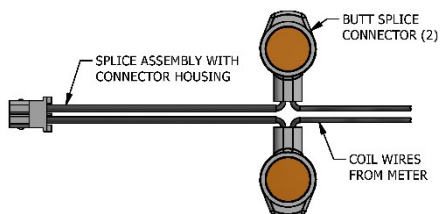


Figure 4

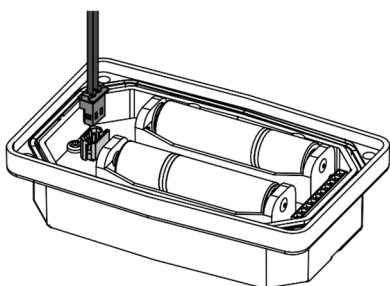


Figure 5