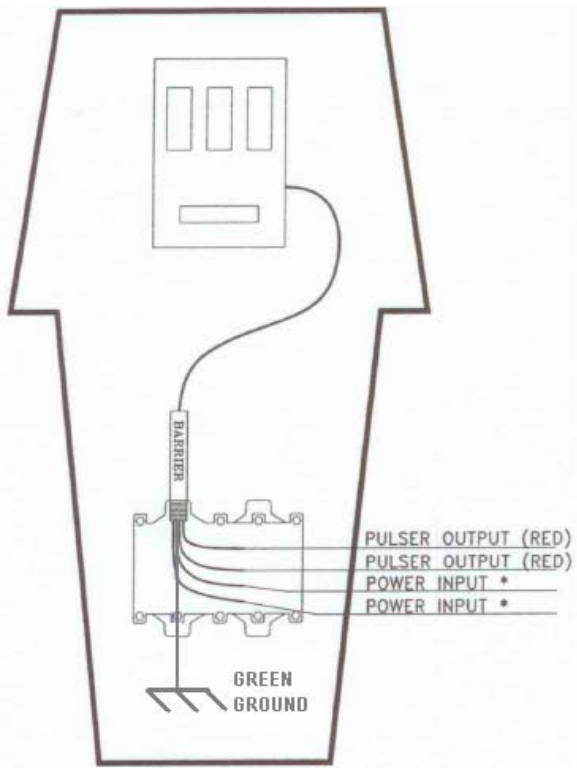
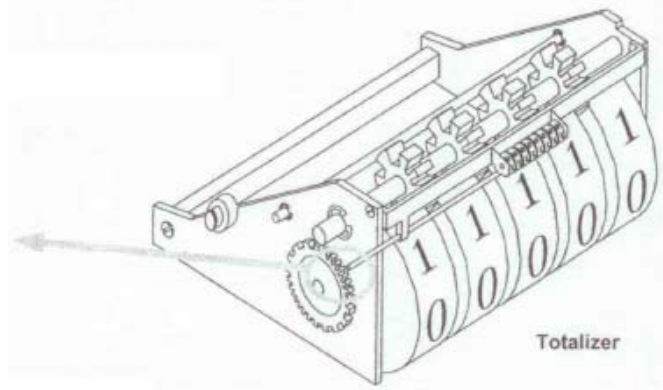
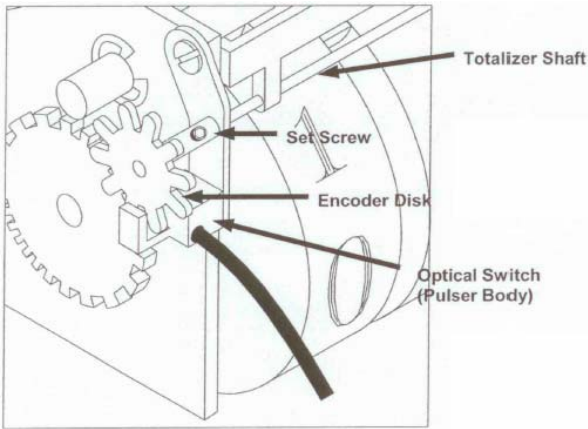


Model 50 Pulser



INSTALLATION

1. Mount the **Encoder Disk** on the extended **Totalizer Shaft**.
2. Tighten the **Set Screw** in the encoder disk collar.

CAUTION-DO NOT OVERTIGHTEN THE SCREW.

3. Adjust the Encoder Disk so the disk's teeth pass through the gap in the **Optical Switch** without striking the switch.
4. Install the **Barrier** (lower drawing) in the pump junction box.
5. Connect the power wires according to the drawing and chart. **MAKE SURE** pulser number matches your voltage.
6. Connect both red wires to the pulsing circuit.
7. Connect Green Ground wire to Ground.

Pulser Type (Part #)	Black Wire	Black Wire	White Wire	Orange Wire	Red Wire	Red Wire	Green Wire
110 VAC (400050)	110 VAC Hot	N/A	Neutral	N/A	Pulse Output	Pulse Output	Ground
220 VAC (400050-22)	220 VAC L1	220 VAC L2	N/A	N/A	Pulse Output	Pulse Output	Ground
12 VDC (400050-120-)	DC Ground	N/A	N/A	+12 VDC	Pulse Output	Pulse Output	Ground

Pulse outputs (red wires) will pulse any voltage from 5 to 170 VAC or VDC.

N/A = Not applicable for this version

Erratic operation may be caused by electrical noise or power line fluctuation. To eliminate this, supply the pulser with power wiring not shared by motors or solenoids. Or, add noise suppressors to each motor and/or solenoid.

Follow all appropriate wiring practices as shown in the National Electrical Code. Follow all state and local codes.

Contact OPW Fuel Management Systems in case of trouble or unusual application. Telephone 708-485-4200 FAX 708-485-7137