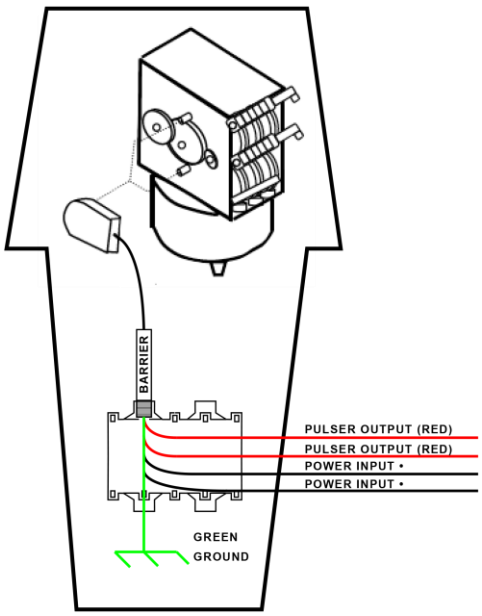
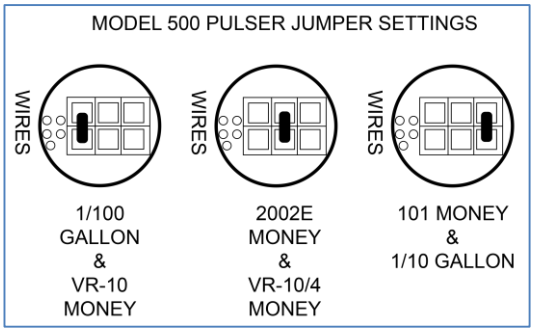
Model 500 Pulser



Pulser Type (P/N)	Black Wire	Black Wire	White Wire	Orange Wire	Red Wire	Red Wire	Green Wire
110 VAC (4000500)	110 VAC Hot	N/A	Neutral	N/A	Pulse Output	Pulse Output	Ground
12 VDC (4000500-12)	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



NOTE: Unit to be installed in an enclosure suitable for Class 1 Division 1

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INSTALLATION

1. Install the head assembly on the appropriate shaft (dollars or gallons) and secure it with the supplied cotter pin. Use the supplied shaft extension, if necessary, to ensure that the pulser head does not interfere with rotating gears EVEN DURING THE RESET CYCLE.
2. Bend the anti-rotation wire to any bolt on the computer body. Bend wire into a convenient orientation. The case can be turned to any position without affecting the count.

NOTE: Make sure that the anti-rotation wire does not pull or twist the head assembly and place it in a bind. It should only prevent the head from turning.

3. Set the jumper to the appropriate setting. Place silicone sealer (not provided) over the jumper block to prevent moisture from adversely affecting the output.
4. Install the barrier into the junction block.
5. Connect the power wires according to the table provided. Pay particular attention to the part number of the pulser you are installing to match proper wire color to the proper connection. Connect red wires to the pulsing circuit.

If erratic operation of the pulser is encountered, it may be due to electrical noise or fluctuations of the power lines. This type of problem can be eliminated by powering the pulser with separate power lines not connected to motors or solenoids, or by adding noise suppressors to each motor and/or solenoid.

All appropriate wiring practices as outlined by the National Electrical Code and state and local codes should be followed.

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