

Troubleshooting Notes:

Problem	Cause	Solution
Incorrect count, erratic count, or missing pulses at the console.	Sensor is out of position so the gear teeth are no longer breaking the sensor beam or only breaking the beam intermittently.	Check for correct position of sensor. Ensure the nut holding sensor bracket is tight.
Sensor is binding and/or chattering.	The Rapid-Fire sensor is not centered over the register gear and the gear is rubbing against the sensor.	Check for correct position of sensor. Reposition sensor with gear in the center. Ensure the nut holding sensor bracket is tight.
Pulser won't count on installation.	Loose or improper wiring connections	Recheck wiring connections.
	Damaged wiring	Repair wires or replace pulser.
	Dirty sensor "eyes"	Used canned compressed air to remove dust/debris blocking sensor beam.
	Broken/cracked sensor	Replace pulser
Pulser is not compatible with console model		Call PMP for technical assistance. 800-243-6628

Specifications:

Input Voltage	Electronic Console Pulse Circuit Range	Operating Temperature	Operating Speed
12 VDC	5 to 400 VAC/DC	-40°F to +160°F -40°C to +71°C	Exceeds Meter-Register maximum speeds*

*Rapid-Fire Pulser tested to a speed of 600 RPM

Wiring Connections:

Rapid-Fire Pulser #48506	Black Wire	Red Wire	Blue Wire	Blue Wire
12 VDC Pulser	Negative (-)	Positive (+)	Pulser Circuit	Pulser Circuit
			These wires are interchangeable.	

Manufacturers' numbers, names, trade names, trademarks and descriptions used here are for reference purposes only. None of the rebuilt items listed in this manual is the product of the identified manufacturer.

PMP FR/W Rapid-Fire™ Pulser

For use on Fill-Rite® and Wayne® Meter-Registers

Installation Instructions

PMP #48506

for 12 VDC



These instructions are to be used when installing the FR/W Rapid-Fire Pulser in Fill-Rite and Wayne Meter-Registers.

INTRODUCTION

The Rapid-Fire Pulser is an intrinsically safe, easy to install pulsing device. The FR/W will work on Fill-Rite 800 and 900 series and the Wayne 700 series meter-registers.

The Rapid-Fire Pulser can interface with any electronic console pulse circuit from 5 to 400 VAC/DC, with a current requirement not exceeding 100 MA.

