

**Troubleshooting Notes:**

Problem	Cause	Solution
Incorrect count on console on installation.	Rapid-Fire Pulser switch is in the incorrect position for the application.	Check for correct position of switch: <b>100:1</b> Mechanical Computers (Gallons or Liters) Non-Computers (Gallons or Liters) <b>10:1</b> Non-Computers (Gallons or Liters)
Sensor is binding and/or chattering. Erratic Count. Missing Pulses.	Bent-tie bar — Does not allow proper tooth engagement between sensor gear and the gear on side of wheel. Depending on how it is bent will cause: Too much pressure and binding. Too little — gears will not engage and slip.	Remove tie-bar and straighten/flatten. -or- Replace tie-bar with a tie-bar from another computer. -or- Call PMP for a replacement tie-bar. 800-243-6628
Pulser won't count on installation.	Improper wiring connections. Defective pulser. Pulser is not compatible with console model.	Recheck wiring connections. Call PMP for technical assistance. 800-243-6628 Call PMP for technical assistance. 800-243-6628

**Specifications:**

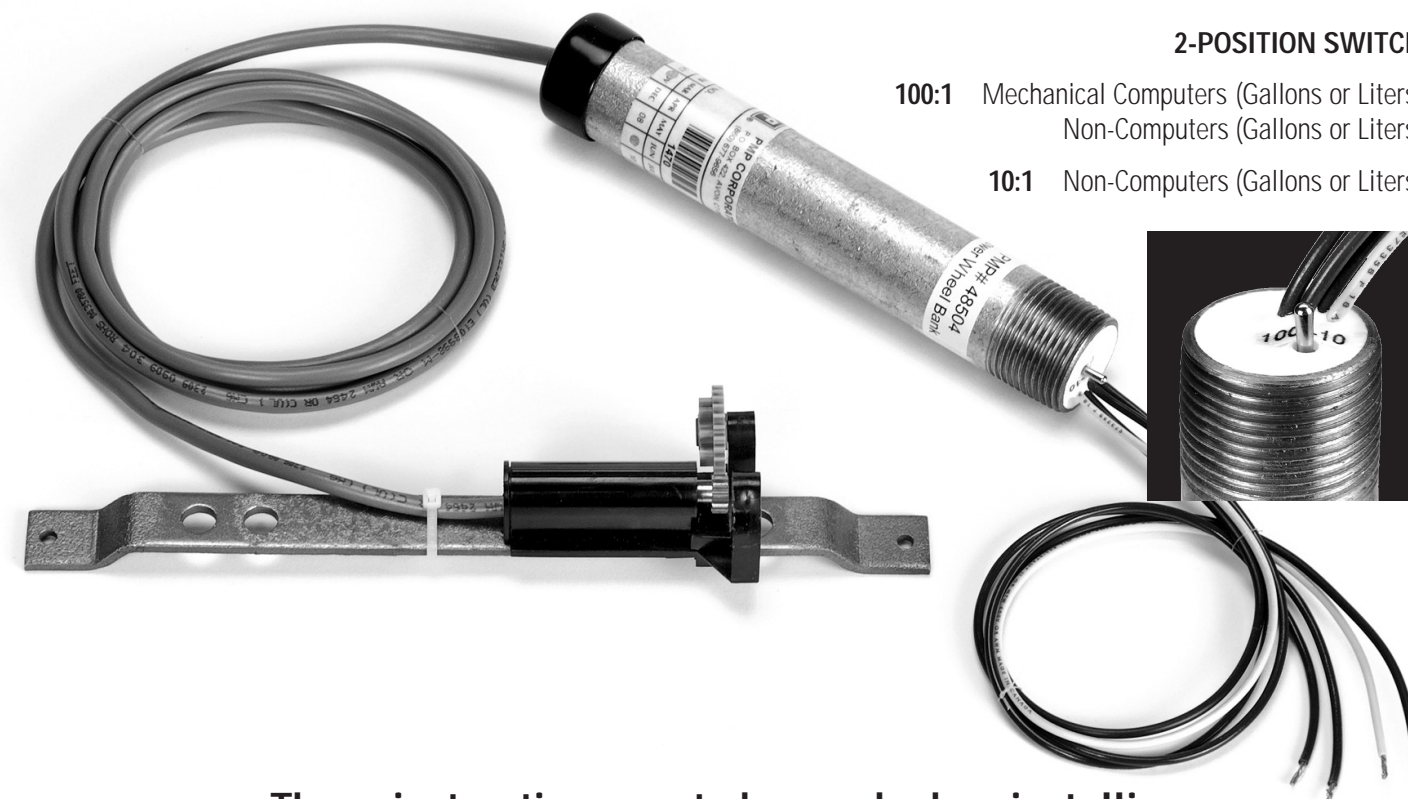
Input Voltage Range	Electronic Console Pulse Circuit Range	Operating Temperature	Operating Speed (Computer Wheel)
70 VAC to 130 VAC	5 to 400 VAC/DC	-40°F to +160°F -40°C to +71°C	200 RPM maximum* 20,000 pulses per minute

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

**Wiring Connections:**

Rapid-Fire Pulser #48504	Black Wire	White Wire	Blue Wire	Blue Wire
115 VAC Pulser	115 VAC Hot	Neutral	Pulser Circuit	Pulser Circuit
These wires are interchangeable.				

# Switchable PMP Rapid-Fire Pulser Lower Wheel Bank Installation Instructions **PMP #48504**



**2-POSITION SWITCH**

- 100:1** Mechanical Computers (Gallons or Liters)  
 Non-Computers (Gallons or Liters)
- 10:1** Non-Computers (Gallons or Liters)

**These instructions are to be used when installing a Switchable PMP Rapid-Fire Pulser on the lower wheel bank.**

## INTRODUCTION

The Rapid-Fire Pulser is an intrinsically safe, easy to install pulsing device for use with most mechanical computers or non-computers.

The intrinsically safe feature of the Rapid-Fire Pulser eliminates the need to install conduit or M.I. cable and therefore significantly reduces installation time and cost.

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.

There is no need to remove the computer or non-computer from the dispenser.

