

What are you doing to protect your pump?



UNIQUE RANGE FINDER TOROID

- One Sensor For Capacities From Fractional up to 50 HP
- Use Optional Current Transformers for Big Motors

 **LOAD CONTROLS
INCORPORATED**

Introducing the new Digital Pump Load Control.

ALSO AVAILABLE PMP-1701 PUMP LOAD CONTROL

- Large Display
- Rugged Design



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Pump Load Controls Monitor True Motor Power

Detect Loss of Load

- Dry running
- No prime
- Cavitation

Detect Overload

- Jammed impeller
- Bad bearings

NEW COMPACT DIGITAL PUMP LOAD CONTROL MODEL PMP-25



TRUE POWER LOAD DISPLAY

Versatile - Can Display

- % of Full Load
- Horsepower
- Kilowatts

EASY FRONT PANEL SET-UP

- See all of your settings with a touch of a button

RUGGED NEMA 4 ENCLOSURE

Designed to fit in many places

- On Starter Door
- On Raceway
- Panel Mount - With Bezel Kit
- On Wall - with Standard Outlet Box Kit

4-20 MILLIAMPER ANALOG OUTPUT

Send load information to:

- Computers
- Chart Recorders
- Data Loggers

2 ADJUSTABLE SET POINTS

Low Trip - When load is below the Low Trip, the built-in relay will trip.

- Dry Running
- Loss of Prime
- Plugged or Closed Inlet

High Trip - When the load is above the High Trip, the built-in relay will trip.

- Jammed Impeller
- Bearing Failure

FILTER OUT NUISANCE TRIPS

- Adjustable Digital On-Delay Timers: Trip won't activate until the selected delay time is exceeded.
- Adjustable Digital Start-up Timer - No false trips while motor is starting

3 WAYS TO RESET

- Local - Button on Control
 - Remote - with Low Current Switch or Relay
 - Automatic - with Jumper Latching Relays - you choose when to reset
- 2- Form C Relays - Give you both Normally Open and Normally Closed Contacts

COMPACT

Only 3 1/4" x 6 1/4" x 2"

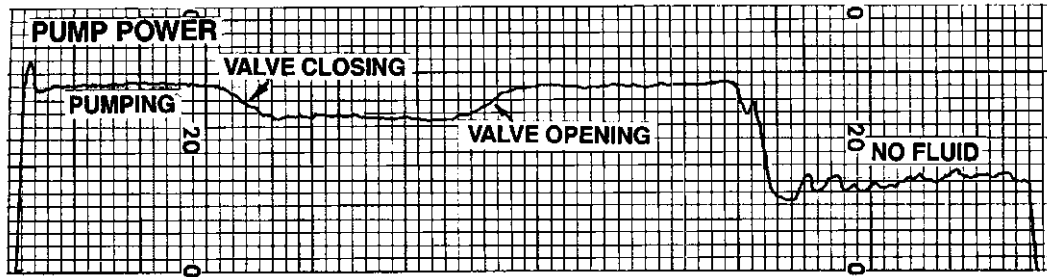
Also Available

PUMP LOAD CONTROL MODEL PMP-1701

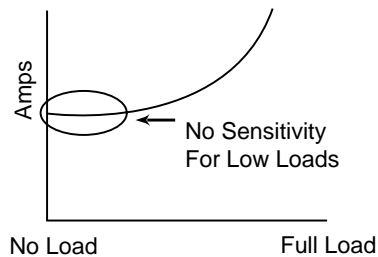
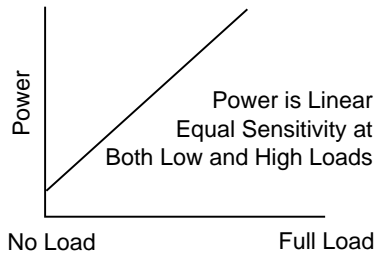
- Large Bright LED Load Display
- Rugged Design
- 2 Adjustable Set Points
- 4-20 MA Output
- Trip Delay and Start Up Delay Timers



Monitoring Pump Horsepower Tells You What's Happening to the Fluid

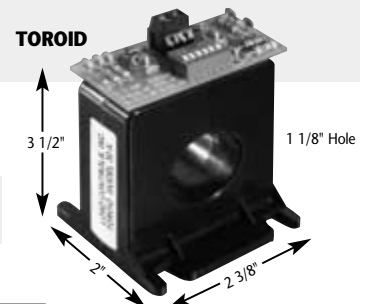


Why Monitor Power Instead of Just Amps?



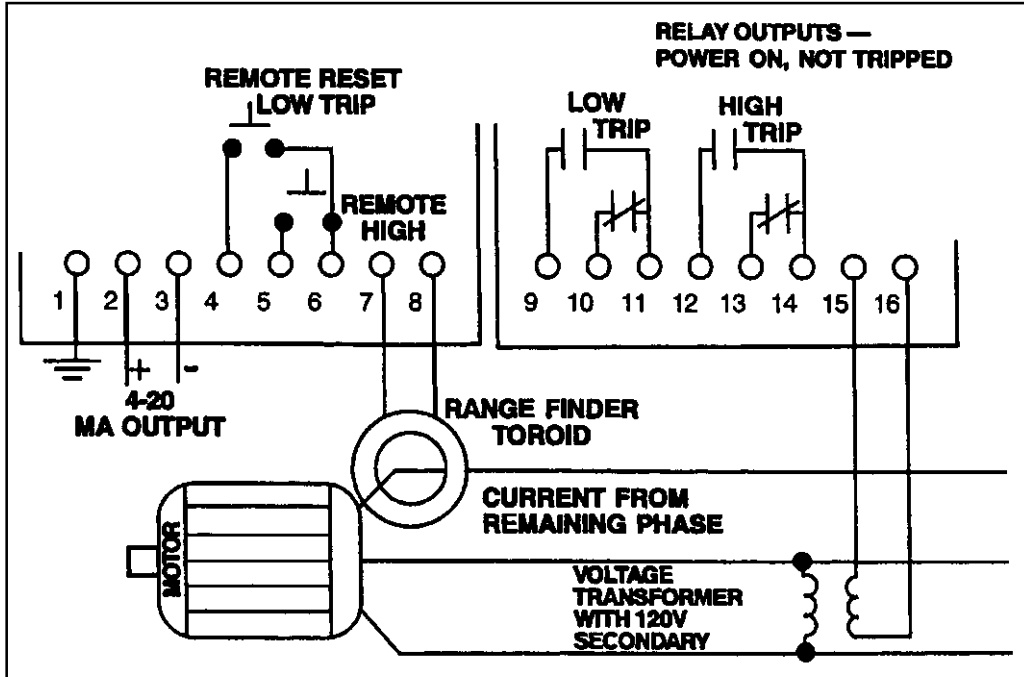
SPECIFICATIONS

	PMP - 25	PMP-1701
Enclosure	Glass-filled Polycarbonate NEMA 4, 4X (3 1/4" x 6 1/4" x 2") (83mm x 160mm x 54mm)	Polycarbonate NEMA 4, 4X 6 7/8" x 6 7/8" x 3" (175mm x 175mm x 75mm) Mounting Hole Pattern 6 3/16" square (157mm)
Mounting Options	On door, in cabinet Panel mount with Bezel Kit On wall with outlet Box Kit	On door, In cabinet On wall
Wiring	Un-pluggable Terminal Strips on Rear	Terminals inside enclosure
Load Display	.4" LED 3 Digit	.6" LED 3 Digit
Capacity	To 50 HP directly through Toroid To 500 HP with external Current Transformed & Toroid Change capacity with dip switches	To 30 HP directly through Toroid To 500 HP with external Current Transformed & Toroid Change capacity with turns
Timers	Start up – 0-999 sec. (16.7 min.) adjustable Low Trip Delay – 0-999 sec. (16.7 min.) adjustable High Trip Delay – 0-999 sec. (16.7 min.) adjustable	Start up – 1-12 seconds adjustable Low Trip Delay – 1-30 seconds adjustable High Trip Delay – .05-2 seconds adjustable
Relay Outputs	(2) Form C 3 AMP @ 300 VAC or 1/8 HP @ 240 VAC Latch when tripped	Same
Analog Outputs	4-20mA; powered by the Control, 500 OHM maximum connected impedance	Same
Response Time	500 Milliseconds	Same
Temperature	0 C - 55 C	Same

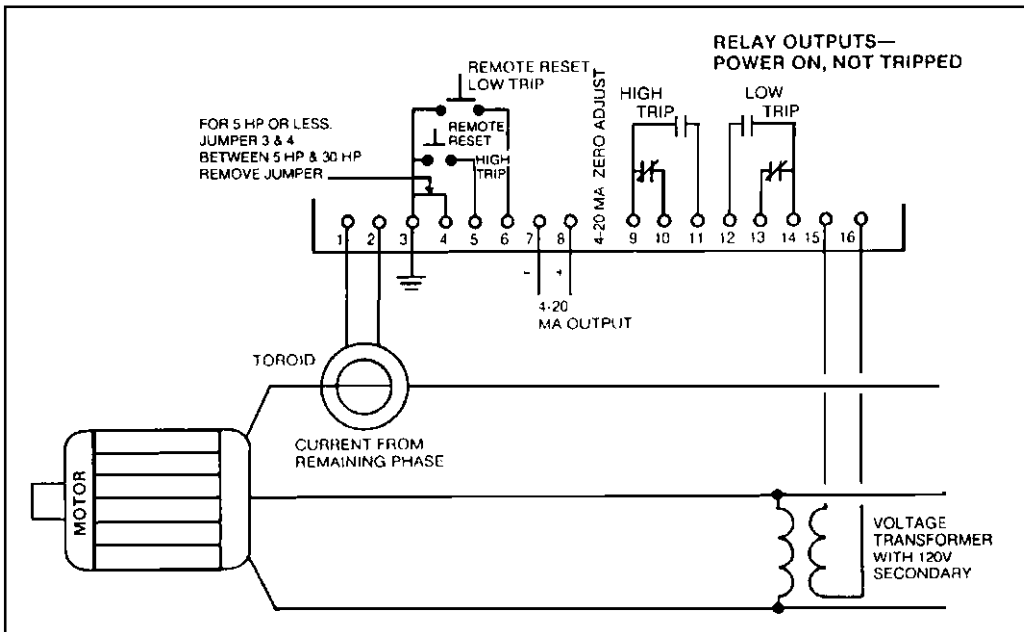


Typical Connections

PMP-25 HOOK-UP



PMP-1701 HOOK-UP



CALL FOR FREE COMPLETE INSTALLATION BOOKLETS!



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