

VYDAS

INTERNATIONAL MARKETING

Specialist Sensors & Instruments for Industry

NEW DIGITAL PUMP LOAD CONTROL

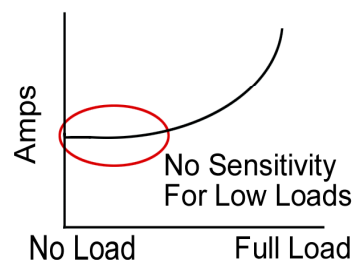
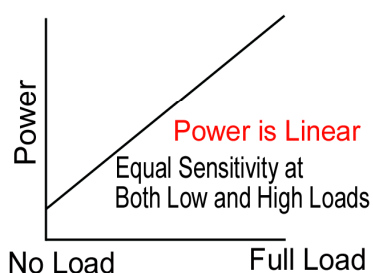


- ◆ Power sensor monitors true motor power
- ◆ Waterproof & rugged, large red LED display
- ◆ Compact enclosure with flexible fittings
- ◆ Easy front panel keypad set up
- ◆ Low and high setpoint trips with relay outputs
- ◆ Adjustable trip timers to prevent nuisance trips
- ◆ Adjustable digital on-delay timer
- ◆ 4-20mA output for computer, logger or recorder
- ◆ Detect dry running, loss of prime or cavitation
- ◆ Detect overloads or underloads
- ◆ Detect bad bearings or jammed impellers
- ◆ Extremely sensitive even at low loads

DESCRIPTION

The compact PMP-25 Digital Load Control provides an efficient low cost solution to the prevention of damage to pumps caused by overload, jamming, loss of load or pump dry running. The rugged polycarbonate sealed enclosure may be mounted in many configurations including door, wall or cabinet. The unit is easy to install and displays true power on a large easy to read bright red digital LED display. Both high and low power trip relays with adjustable start up delay and individual trip timers are standard features. The low power trip, when used to detect cavitation or loss of prime, is up to ten times more sensitive than that of conventional undercurrent relays. The high power trip is provided for the detection of problems such as overloads, jammed impellers, bad bearings or blocked outlets. The PMP-25 will protect pumps of all types, including seal-less or magnetic drive, centrifugal, positive displacement, process and sewage pumps.

Why Monitor Power Instead of Just Amps?



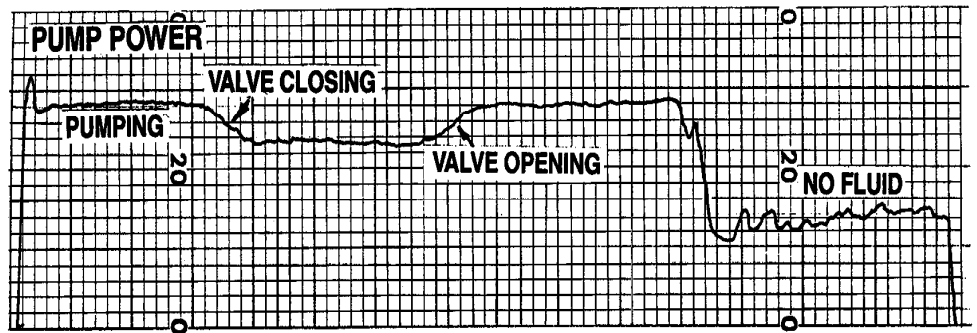
What are you doing to protect your pumps?

Ideal for use with Magnetic Drive Pumps

- Detects Loss of Load
Avoids Dry Running
- Detects Overloads
Bad Bearings, Jam ups

Senses True Motor Power.
10X more sensitive than just Amps.

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

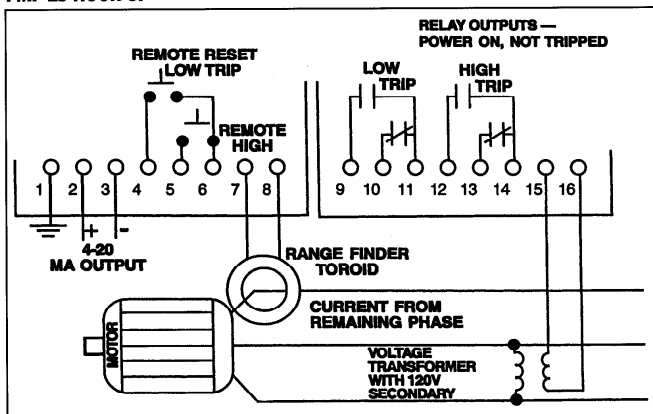


SPECIFICATIONS

Wiring	Unpluggable Terminal Strips on Rear	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
Load Display	0.4" LED 3 Digit % of Full Load Horse Power or Kilowatts	Relay Outputs	(2) Form C 3 AMP @ 300 VAC or 1/8 HP @ 240 VAC Latch when tripped
Capacity	To 50 HP directly through Toroid To 500 HP with external Current Transformed & Toroid Change capacity with dip switches	Analogue Output	4-20mA; powered by the Control, 500 OHM maximum load impedance
Response Time	500 Milliseconds	Reset	Local -Button on control Remote - with Low Current Switch or Relay Automatic - with jumper (link) Latching Relays- chose when to reset
Temperature	0 C - 55 C		

CONNECTIONS

PMP-25 HOOK-UP



DIMENSIONS

Enclosure

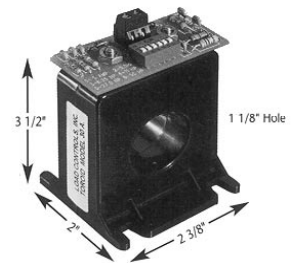
Glassfilled Polycarbonate NEMA 4, 4X
(3 1/4" x 6 1/4" x 2")
(83mm x 160mm x 54mm)

Mounting Options

On door, in cabinet
Panel mount with Bezel Kit
On wall with outlet Box Kit

UNIQUE RANGE FINDER TOROID

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



Call **01428 751822**

For Further Information

MANUFACTURER

LOAD CONTROLS INCORPORATED

