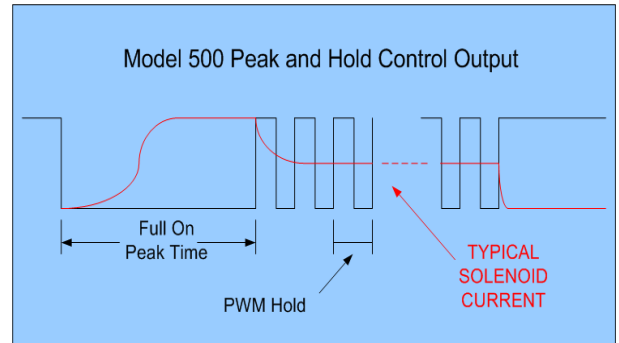


March 29, 2010

Applied Processor and Measurement, Inc. announces the Model 500 Peak and Hold PWM Driver for solenoid power save applications.

East Amherst, NY, March 29, 2010: Applied Processor and Measurement, Inc. announces the release of the Model 500 Peak and Hold PWM Driver. The Model 500 is designed to drive solenoid based devices with an initial full-on pull-in pulse, then provide a reduced power hold-in current by pulse width modulating the output. The Model 500 can reduce overall current in existing on/off solenoid drive applications, reducing the operating solenoid coil heat, thereby extending coil life and protecting the coil from burn-out. The Model 500 is readily interfaced to PC's, PLC's and control systems and can be placed in-line with existing installations to provide immediate benefit. Product is available to ship now.



Features of the Model 500 Peak and Hold PWM Driver:



- low cost, stand-alone, PWM Driver using accurate, repeatable and reliable APM, Inc. digitally generated PWM technology
- rotary switch adjustable peak time (full-on, pull-in) from 5 msec to 5 sec
- rotary switch adjustable high frequency PWM hold duty cycle 90% to 15%
- opto-isolated trigger input, or contact closure trigger input
- input and output LED indicators
- power MOSFET output with low side load control, fuse protected
- PWM output sinks up to 4A at 12V, up to 10A peak
- controller operates from 9 to 28V DC
- load may be operated with up to 50V DC
- I/O connection using screw-down, terminal strips
- applications: solenoids, valves, actuators, clutch coils

- signal conditioning style unit, small form factor, fully enclosed, DIN mount option available at no extra cost
- industrial temp rated, rugged construction – designed for high reliability and long service life, 1 year warranty

Refer to the datasheet on our website for a complete list of features and specifications. The Model 500 is available to ship now: order number: PWMC-500, or PWMC-500-DIN for a DIN rail mountable device. All APM, Inc. standard products are available from stock to 1 week in low order quantities. Please e-mail APM, Inc. for pricing at sales@appliedprocessor.com.

About The Company

Applied Processor and Measurement, Inc. (APM, Inc.) designs and manufactures PWM drivers and controls for valves and solenoids, and, signal conditioners and motion controls for use in industrial, automotive and commercial applications. APM, Inc. products involve the application of embedded microcomputers, and associated analog and digital electronics, which provide electronic control and measurement solutions for our customers. APM, Inc. has been supplying PWM drivers and electronic controls for nearly 20 years.

Continue to look for further announcements on our website in 2010 regarding new product releases!

Contact:

For more information:

- technical information or quotes on the Model 500 Peak and Hold PWM Driver, or any APM, Inc. product
- inquiries on customizations and embedded control development
- information on this news release or the company

Also available:

- Model 205 PWM Controller – desktop style unit, high performance
- Model 400 PWM Driver/Controller – signal conditioning style unit, analog to PWM control
- Model 402 PWM Driver/Controller – RS-232 to PWM control

Robert B. Drzewiecki, Vice President, Product Development
Applied Processor and Measurement, Inc.
Phone: 716-741-1141

www.appliedprocessor.com
sales@appliedprocessor.com