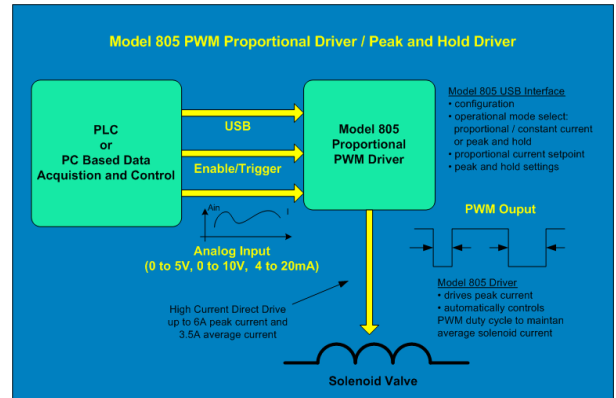


## Applied Processor and Measurement, Inc. announces the Model 805 PWM Proportional Valve / Solenoid Driver with Peak and Hold Control Modes

**East Amherst, NY, June 5, 2018:** Applied Processor and Measurement, Inc. announces the release of the Model 805 Proportional PWM Driver with Peak and Hold drive capability. The Model 805 is designed to provide a high-power, low-side drive, pulse width modulated output for proportional or peak and hold control of PWM valves and solenoids including injectors. The Model 805 is readily interfaced to PC data systems with analog outputs, PLC's and control systems for PWM valve and solenoid development and test, industrial applications and automotive component test and development applications. The Model 805 can operate in either a proportional control mode (PWM to an average current setpoint), or a peak and hold mode (full-on to a peak current, switching to a proportional current hold). Product is available to ship now.



### Features of the new Model 805 PWM Driver



- low cost, analog, computer controlled, or stand-alone, driver using accurate, repeatable, reliable APM digitally generated PWM technology
  - Proportional PWM Valve Driver, 3.5A max, internal current sensing maintains output current independent of changes in valve resistance
  - Peak and PWM Hold Valve Driver, 6A max peak, 3.5A max hold with opto-isolated input trigger
  - digitally configured, free configuration and control PC software utility
  - differential analog input or USB control of current setpoints
  - status and output LED indicators, open circuit detect
  - power MOSFET output with low side load control, fuse protected
  - PWM output sinks up to 4A at 12V
  - controller and load operates from 9 to 28V DC
  - I/O connection using screw-down, terminal strips
- 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 our website for a datasheet with a complete list of features and specifications. The Model 805 is available to ship now. See datasheet for order numbers and options for peak current range, analog input type and default setup. All APM, Inc. standard products are available from stock to 1 week in low order quantities. E-mail APM, Inc. for pricing at [sales@appliedprocessor.com](mailto: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 control products for over 25 years.

### Contact:

- technical information or quotes on the Model 805, or any APM, Inc. product
- inquiries on customizations and OEM controller development
- information on this news release or the company

Also available:

- Model 205 Proportional PWM Controller – current controlled driver, desktop style unit, **AVAILABLE JULY 2018**
- PWM Drivers and Controllers (duty cycle controlled)
  - Model 400 USB – analog to PWM control, USB interface based
  - Model 400L PWM Driver/Controller – analog to PWM control, legacy RS232 interface based
  - Model 402 PWM Driver/Controller – RS-232 to PWM control
  - Model 500 Peak and Hold PWM Driver – timed peak and hold solenoid drive applications

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