

December 15, 2008

Applied Processor and Measurement, Inc. announces a new release of the Model 205 PWM Controller.

East Amherst, NY, December 15, 2008: Applied Processor and Measurement, Inc. announces hardware and software version 3 of the Model 205 PWM Controller. The design updates increase both the operating PWM frequency range and the PWM output duty cycle resolution. The updated design takes advantage of the latest in digital FPGA (field programmable gate array) technology as well as the latest in microcontroller capabilities. Product is available to ship now.

The Model 205 was first introduced in 1998 as the Model 200-01 and addressed the basic requirements of engineering test applications where solenoid valves and other PWM driven electromechanical products were being tested or developed. Based on customer input and incorporation of the latest embedded electronic devices, the Model 205 provides enhanced features and a maximum in application flexibility. Through this new model release, the Model 205 PWM Controller from APM, Inc. has the capability to address high feature / functionality PWM solenoid test and development requirements.

New features of the version 3 Model 205 PWM Controller:

- it is no longer required to set a frequency range configuration setting – the version 3 Model 205 PWM Controller can be immediately set to operate from 1 to 25,000 Hz using the built-in keypad/LCD interface, RS-232 input or analog control
- the version 3 Model 205 PWM Controller has been enhanced to operate at 0.1% duty cycle resolution at any frequency and in all operational modes – the enhanced resolution allows precise control for your PWM application
- external enable input – the version 3 Model 205 PWM Controller provides an optically isolated digital input to enable or disable the PWM output – useful in test cell / PLC integrations
- backward compatibility – the version 3 Model 205 may be configured for backward compatibility to the version 2 Model 205, including analog modes of operation and resolution – the new Model 205 may be dropped in to your current applications without difficulty
- the new version 3 Model 205 PWM Controller contains additional internal program memory and FPGA resources when compared to the version 2 Model 205 allowing for customizations and new s/w features
- as with the previous version Model 205 PWM Controller, the controller is field programmable via the serial port, new software versions with additional capabilities and features can be upgraded in minutes without having to return the controller

Refer to the [datasheet](#) on our website for a complete list of features and specifications.

In addition to the enhanced features, the version 3 Model 205 utilizes a single, multi-layer circuit board, utilizing automated surface mount manufacturing processes to maintain the high reliability that has been evidenced on this product line since its inception.

Note that there is ***no price increase*** for the version 3 Model 205. The version 3 Model 205 is available now (Order Number: PWMC-205). All APM, Inc. standard products are available from stock to 1 week in low order quantities.

While the version 2 Model 205 may no longer be purchased, please be assured that older version Model 205 units will continue to be supported. The policy of APM, Inc. is to support all of their products, for the life of the product.

About The Company

Applied Processor and Measurement, Inc. (APM, Inc.) designs, manufactures, and markets proprietary electronic products for use in industrial, automotive and commercial applications. Our products involve the application of embedded microcomputers, and associated analog and digital electronics, which are used to solve unique measurement and control problems for our customers.

Look for further announcements in 2009 regarding our new products!

Contact:

For more information:

- technical information or quotes on the version 3 Model 205 PWM Controller
- technical information or quotes on any APM, Inc. product
- information on this news release or the company

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