

# Applied Processor and Measurement, Inc. – RS232 Based Legacy Model 400 Discontinued

East Amherst, NY, April 26, 2022

To our APM, Inc. RS232 based legacy Model 400 PWM Driver/Controller Customers:

Thank you for your business regarding our PWM Driver products.

Please note that we are discontinuing the 'legacy' RS232 based Model 400 (which uses the circular mini-DIN connector on the face of the unit). The legacy RS232 based Model 400 was originally released back in 2004 and we are currently discontinuing this unit due to obsolete components and IC shortage related issues. We kept the unit as an available option to customers that had the legacy Model 400 designed into older applications.

**If you are a recent APM, Inc. Model 400 customer, you have most likely been using the Model 400U, USB interface based controller, and this discontinuance does not affect your applications.**

For our legacy unit customers, we ask that you transition to the Model 400U for current and new applications, and any new orders. The Model 400U (released in 2016, using USB based configuration) is the drop-in replacement for the analog to PWM duty cycle applications which used the legacy model. The Model 400U PWM Frequency range also exceeds that of the legacy Model 400.

The basic difference between the Model 400U and the legacy Model 400 is the Model 400U uses USB for a configuration interface and the legacy Model 400 uses RS232. The I/O are exactly the same (same internal I/O circuits). The microcomputer / digital portion of the unit has been updated due to legacy component obsolescence. PC software for configuring the Model 400U is available (free download) from our website. Physically, the unit is identical in size as it uses the same enclosure.

If your application is controlling the PWM duty cycle using the RS232 interface, we ask that you consider the Model 402 PWM Driver. This unit provides RS232 interface control of both the output PWM frequency and duty cycle using a simple character based command set. The Model 402 is available in non-isolated (PWMC-402R) and electrically isolated (PWMC-402T) versions.

The USB Model 400 PWM Driver / Controller (order number: PWMC-400U or PWMC-400U-DIN) is also unit priced at less than the legacy unit. Delivery on small quantities is from stock to 1 week.

If you have any questions, please feel free contact us at your convenience.

We thank you for your continued business and look forward to serving you in the future.

## **Also Available / Related Products:**

- Model 205 PWM Controller – full-featured PWM Controller, desktop unit with built-in pushbuttons and LCD
- Model 805 Peak and Hold and Current Controlled PWM Driver – solenoid current controller, USB interface based
- Model 500 Peak and Hold PWM Driver – timed peak and hold solenoid drive applications (current saving)
- Model SGC-200 Current Sense Amplifier – current to voltage signal conditioner for PWM applications

## **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 30 years.

## **Contact:**

- technical information or quotes on the Model 205, or any APM, Inc. product
- inquiries on customizations and OEM controller development
- information on this news release or the company

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