Controller allows management of an unlimited number of inputs and outputs without an external Ethernet switch

Galil Motion Control is announcing the latest product in their RIO Pocket PLC Series. The new RIO-47300 includes more I/O, screw terminals and two Ethernet ports which allow management of an unlimited number of inputs and outputs without an external Ethernet switch.

Digital inputs and outputs on the RIO-47300 are increased from 16 to 24 each for a total of 48 optically isolated digital I/O. The RIO-47300 is an intelligent input and output controller that uses a powerful RISC processor for fast handling of I/O & logic. The RIO allows 400 program lines, 254 variables, 1000 array elements, 6 PID control loops and 5 Ethernet handles. Other standard features include PID process control loops, timers, counters, web interface, email alerts, data-logging, and the ability to read position and temperature sensors.

The RIO controller can be programmed using Galil's easy-to-use, two-letter language which is standard for all of Galil's motion and I/O controllers. Software is also available for converting a Relay Ladder Logic program (often used by PLC programmers) into code for input into the RIO controller.

The RIO-47300 has screw terminals for quick and easy prototyping and measures 10.8" x 4.7" with DIN tray. The RIO receives power from an external supply of 18V – 36V DC. LED indicators provide a convenient display of all digital inputs and outputs.

The RIO-47300 is $495 in single quantity and $360 in quantities of 100. It is available for delivery with standard lead time.

For more information about the RIO Pocket PLC series please see http://www.galilmc.com/products/rio-47xxx.php [1]

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[1] http://www.galilmc.com/products/rio-47xxx.php