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Serial Synchronous Interface Module Ideal for Motion Control and Position Sensing Applications

Opto 22 SNAP-SCM-SSI Serial Module Works With Linear and Rotary Incremental Transducers

Temecula, CA – December 7, 2010 – The new SNAP-SCM-SSI I/O module from Opto 22 offers a communications interface between digital encoders and SNAP PAC System I/O processors or programmable automation controllers. The SNAP-SCM-SSI I/O module provides two isolated serial synchronous inputs (SSI) for acquiring data from optical and mechanical encoders and other types of linear and rotary transducers.

Designed for use in motion control and other applications where tracking and identifying the movement and position of machinery or components is critical, the SNAP-SCM-SSI connects to and accepts input from either binary or Gray code encoders, allowing the module to process and communicate position-related data from heavy duty industrial machinery and apparatus (such as floodgates, drawbridges, and rotating or elevating platforms) as well as machine tools, stepper motors, servos, and other moving or robotic components.

The SNAP-SCM-SSI accommodates an SSI clock frequency of up to 2.5 MHz, functions at cable lengths up to 500 feet, and can be configured for clock frequency, data bits (i.e., encoder resolution), time interval between data samples, and more. The module can be used with both SNAP PAC Ethernet (EB-series) and SNAP PAC serial (SB-series) I/O processors, standard SNAP PAC standalone and rack-mounted controllers, and all SNAP PAC Wired+Wireless™ controllers.

The SNAP-SCM-SSI module is available now at a cost of \$295.00 USD.

About Opto 22

Opto 22 develops and manufactures hardware and software for applications involving industrial automation and control, remote monitoring, and data acquisition. Opto 22 products use standard, commercially available networking and computer technologies, and have an established reputation worldwide for ease-of-use, innovation, quality, and reliability. Opto 22 products are used by automation end-users, OEMs, and information technology and operations personnel in over 10,000 installations worldwide. The company was founded in 1974 and is privately held in Temecula, California, USA. Opto 22 products are available through a global network of distributors and system integrators. For more information, contact Opto 22 headquarters at +1-951-695-3000 or visit www.opto22.com.