



>> Rotary Shaft Encoder

Rockwell Automation Encompass™ Product Partner Advanced Micro Controls Inc.'s (AMCI) DuraCoder® competes as the world's heaviest-duty rotary shaft encoder for many applications. Originally designed for steel mill and earth-mining equipment, the DuraCoder brand encoders are used in today's most grueling applications.

The encoders are resolver-based for durability, and available in five output versions, including: SSI, Analog, DeviceNet, Digital and Incremental. Sold in an industry standard 2.5-inch (63 mm) housing, DuraCoder fits most applications.

Additionally, a large 4.25-inch size multi-turn analog output version is available for mill-duty applications, waste gate flood control, and any other environment subject to brutal conditions. Visit AMCI at booth 440 at the Automation Fair® event.

Advanced Micro Controls Inc.

www.rockwellautomation.com/go/p-amci

>> Gearboxes

The alpha SP+ and alpha TP+, from Rockwell Automation Encompass™ Product Partner WITTENSTEIN Inc., have a slightly new look and higher technical specifications. The torques are significantly higher — up to 25%, depending on the version. This raises the gearbox power density.

Users can save energy from this extra torque by “downsizing” by selecting a smaller gearbox without compromising on specifications. The optimal gearbox design can be designed into your system with Wittenstein's new version of cymex®3.2 servo sizing tool, which also features an integrated calculator for energy consumption. Visit WITTENSTEIN at booth 251 at the Automation Fair® event.

WITTENSTEIN Inc.

www.rockwellautomation.com/go/p-wittenstein



>> Wireless POINT I/O

The inRAx Wireless POINT I/O Adapter (ILX34-AENWG) from Rockwell Automation Encompass™ Product Partner ProSoft Technology is a high-speed, standards-based 802.11g wireless I/O. The module supports ProSoft Technology's Integrated Wireless Architecture™, combining the best of both worlds for users with field proven I/O from Rockwell Automation and ProSoft Technology's wireless technology and support.

The Wireless POINT I/O provides a familiar programming experience to users by using the Wireless POINT I/O Add-On Profile (AOP) in RSLogix™ 5000. Visit ProSoft Technology at booth 415 at the Automation Fair® event.

ProSoft Technology, Inc.

www.rockwellautomation.com/go/p-prosoft



>> Software Interface

ABNet Interface Software from Salem Automation Inc., a participating Encompass™ Product Partner in the Rockwell Automation PartnerNetwork™, is a replacement for the Allen-Bradley® interchange product. The software enables communications using DTL calls over Ethernet to Allen-Bradley SLC™ 5/05; CompactLogix™; 5/20E, 5/40E and 5/80E processors; sidecar Ethernet interfaces; ControlLogix® PAC; and ControlLogix gateway to SLC 5/04 and 5 series PLCs connected via Data Highway Plus™.

The software is designed to improve communications speed, reduce host CPU load, run on the latest HP Integrity OpenVMS servers, and enable communication to the current Allen-Bradley PLC hardware.

It enables monitoring client and server data structures and counters, and enables monitoring of communication queues in memory. It also provides detailed tracing and debugging to show entry and exit of every subroutine, and provides simple menu-driven, text-based interface.

Salem Automation Inc.

www.rockwellautomation.com/go/p-salem