New CODESYS-programmable RFID Interface Module from Turck Simplifies RFID Integration

MINNEAPOLIS, MN – To streamline RFID integration and data processing in HF and UHF applications, Turck introduces its TBEN-L-RFID interface module with PLC capabilities via CODESYS. This compact module's controller function can filter and pre-process RFID data and link to broader control operations, enabling high-speed dynamic or multi-tag RFID applications.

The TBEN-L-RFID's design makes this module ideal for retrofitting RFID applications. An IP67 rating allows its use outside the cabinet, and actuators and sensors can be connected with HF and UHF RFID read/write heads simultaneously. These features reduce the installation and wiring efforts that are required for industrial identification solutions.

"This device expands on the powerful combination of advanced features and simplistic integration in our recently released ultracompact TBEN-S-RFID interface. The new TBEN-L-RFID offers our users a fully programmable package, with ample RFID and I/O to meet the majority of industrial applications all while staying outside of the cabinet," said Don Eichman, fieldbus technology product manager.

For additional flexibility, users can set the multiprotocol device to one of the Ethernet protocols – PROFINET, EtherNet/IP or Modbus TCP – via the CODESYS environment. The module offers 256 MB of flash memory and runs on an 800 MHz CPU, which accesses a 128 MB DDR3-RAM. It is connected via an M12 connector to the Ethernet layer, and power is supplied via a 7/8" connector.

The TBEN-Lx-4RFID-8DXP-CDS offers four RFID ports for HF or UHF readers, and eight universal DXP I/Os for sensors or actuators. With its full programmability and increased I/O, the device extends the capabilities of the TBEN-S-RFID module. The TBEN-S-RFID offers two RFID ports and four configurable digital I/O points for external devices, as well as an IP67 rating for seamless integration into existing applications.

About Turck
Turck is a pioneer in automation technology, providing customers with a comprehensive line of quality and advanced technology products in a fast, flexible and accurate manner. With more than 4,000 people working in 28 countries, Turck has built global partnerships with customers based on engineering expertise, flexibility and our willingness to take on engineering challenges that others won't. For more information, visit www.turck.com.

PRESS CONTACT

Drew West
Marketing Specialist
Phone: 763-553-7313
Mail: drew.west@turck.com

CONTACT

Turck Inc.
3000 Campus Drive
Minneapolis, MN 55441
Mail: tusa.marketing@turck.com
Web: www.turck.us