

Turck Introduces New Rugged, Compact RFID Interface Ideal for Retrofitting RFID Applications

Minneapolis, MN (May 3, 2017) –To meet the ever-shrinking dimensional needs of devices on the factory floor, Turck has developed a compact TBEN-S-RFID interface with an IP67 rating.

The multiprotocol devices bring data from RFID read/write heads in the HF and UHF frequency band to the controller, via PROFINET, EtherNet/IP or Modbus TCP. Due to their ability to connect actuators and sensors to RFID read/write heads simultaneously, the block modules are ideal for retrofitting RFID applications. Additionally, thanks to their high degree of protection, cabinets are unnecessary and keep the wiring effort at a minimum, saving users time and money.

“The new TBEN-S-RFID interface offers our customers the perfect combination of our long-standing RFID interfaces,” said Don Eichman, Product Manager. “The advanced features of our RFID-A module and the simplistic integration of our RFID-S module are now wrapped up in one rugged and versatile little package.”

The ultra-compact TBEN-S-RFID module eliminates complex PLC integration with its conventionally mapped RFID data. In addition to two RFID ports, the TBEN-S offers four configurable digital I/O points for external devices. Despite its compact design, with a width of only 32 mm, the TBEN-S-RFID interface offers highly efficient performance. The detection of over 100 UHF tags can be carried out just as quickly and easily as the reading and writing of 8-kilobyte HF tags. The power supply and network connection are implemented via M8 connectors.

About Turck

Turck is a pioneer in industrial 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.



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