Your Global Automation Partner

Hybrid Safety I/O Module for EtherNet/IP and CIP Safety

MINNEAPOLIS, MN (September 26, 2017) – Turck is pleased to announce the addition of the CIP Safety Hybrid Safety Block I/O module to our industry leading lineup of fieldbus technology products.

The hybrid safety concept from Turck combines both safety I/O and general purpose I/O in a single, rugged, on-machine, remote I/O device. The CIP Safety (TBIP) module expands the existing hybrid safety offering, which already includes an option for PROFIsafe over PROFINET.

Both IP67 hybrid modules can be adapted to the actual signal requirements of an installation through the use of configurable input/output points and by leveraging the flexibility of IO-Link. On the safety side, the hybrid modules offer two safety inputs for connecting safety sensors, such as light curtains or emergency stop buttons. Two additional safety channels can be used as either inputs or outputs. The general purpose (non-safety related) side includes four configurable discrete inputs/outputs capable of switching up to two amps when used as outputs. Two IO-Link master ports are also available, which offer an additional 32 points of configurable discrete I/O when used with Turck IO-Link hubs.

These devices can be used as remote safety I/O, or even operated as a standalone safety controller for local safe I/O; this allows the implementation of safety functions without the need for a safety PLC while still providing safety diagnostics and general purpose I/O data to a higher level non-safety PLC.

The high IP65/IP67/IP69K degrees of protection allow use in the most demanding environments. Decentralized plants and modular machine concepts can be implemented without the need for additional control cabinets.

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.

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