

TURCK

CHARTWELL

Winter 2015 Edition 1 (877) 513 7769 (PROX), Markham Ontario

WHAT'S NEW?

2015

TURCK's M12 X-Code Connector Improves Data Transfer with Up to 10 Gigabits per Second Ethernet



- Ability to transfer up to 10 gigabits per second (Gbps) of data
- M12 X-Code connector increases throughput and efficiency
- M12 X-Code connector offers superior signal strength for high-speed Ethernet data transfers
- Ability to handle high bandwidth files and minimize transfer time
- Advanced shielding design paired with Category 7 copper cable
- Dependable communication solution for high-speed applications
- Featuring robust, compact design, reliably operates in temperatures ranging from -20 degrees Celsius to 70 degrees Celsius.
- Overmolded construction eliminates time-consuming hand-wiring and misconfigurations
- Ideal for Industrial Ethernet applications requiring high speed and greater bandwidth

Featured inside:



PA CABLES



MALE CONNECTORS



COMPACT SENSORS



I/O STATION



CONTACTLESS ENCODER

Head Office: Markham, ON; Branch Offices: Vancouver, Calgary, Edmonton, London, Waterloo, Hamilton, Montreal



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Fieldbus and PROFIBUS PA Cables Now Certified for Heavy Duty and Extreme Environments

- TURCK updated and upgraded its FOUNDATION™ fieldbus and PROFIBUS PA cables, designing in ruggedness for use in extreme environments
- UL listings include Exposed Run (ER) and Direct Burial (DB), providing excellent crush and impact resistance
- UV resistant, oil resistant to UL Oil Res 1, and FT4 flame retardant
- Added Marine Shipboard listings and certifications streamline inventory for OEMS who build for onshore and offshore applications
- UL 13 PLTC ER DB and UL 2250 ITC ER DB listings make these cables compliant with NEC 725 and NEC 727 and suitable for use in Class 1 Division 2 Hazardous Locations
- Cables are listed 105 degrees Celsius and pass UL Cold Bend tests at -40 degrees Celsius
- CSA 600V listings, suitable for use in Class 1 Zone 2 Hazardous Locations per the Canadian Electrical Code
- As part of TURCK's extremelife-40 cable platform, these FOUNDATION™ fieldbus and PROFIBUS PA cables are Marine Shipboard listed C(UL)US 245/1309 90C 600V and IEEE 1580-2010. They are compliant with FOUNDATION™ fieldbus FF-844 Cable Specification for Type A and IEC 61158-2 and ISA/SP50

Straight Male Connectors with LED



- Straight M12 male connectors with three LEDs
- LED indication on the connector is often indispensable for the direct detection of faults in the field
- Indication of sensor switching states in the field is always clear – irrespective of the particular mounting position
- 5-pole male connectors are provided with three LEDs. Green one used as Power LED, yellow one for channel 1 (Pin 4). Third LED for channel 2 (Pin 2) is either red or white
- Turck offers standard connection cables with female connector at one end in cable lengths of 2, 5 and 10 meters, as well as connection cables with male and female connectors in lengths of 0.3, 0.6 and 1.2 meters
- Other lengths available on request

Inductive Compact Sensors In Short Designs



- Inductive proximity sensors in compact designs with the BI series EH03, EG04, EH04K and EG05K
- Reduced lengths of 22 to 15 mm, new models are better suited for use in restricted mounting conditions
- EH03 and EH04 smooth barrel devices are available with diameters of 3 and 4 millimeters, the EG04 and EG05 threaded barrel modules in M4 x 0.5 and M5 x 0.5
- All devices of new BI series are short-circuit and reverse polarity protected
- Provided with a yellow LED for switch status indication
- Possibility for fully flush mounting and a standard 1 millimeter switching distance allow the user simple mounting and open up a wide range of possible application areas

Suppliers





GOLDEN MOUSETRAP AWARDS

2015 FINALIST

The world's leading advanced design and manufacturing industry resource, and Design News has announced two of TURCK's products FEN20-4DIP-4DXP I/O Station for Industrial Ethernet and QR24 Contactless Encoder on their list of finalists in the 2015 Golden Mousetrap Awards. The Golden Mousetrap Awards is a program that celebrates the companies, products, and people who are energizing North American design, engineering, and manufacturing.

The Golden Mousetrap Awards will celebrate the return and renaissance of manufacturing in North America by honoring those who are driving progress. The winners will be announced during a ceremony at the Anaheim Marriott, in Anaheim, California, on Tuesday, February 10 at 5:00 pm.



LITERATURE REQUEST?

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