

Turck-New BIM-UNT  Turck-2-wire DC,Uprox+  Harting-eCon 2050 AA

Turck-Inclinometer  Turck-BL67,PROFINET  Harting-Q 5/0,Quick-Lock

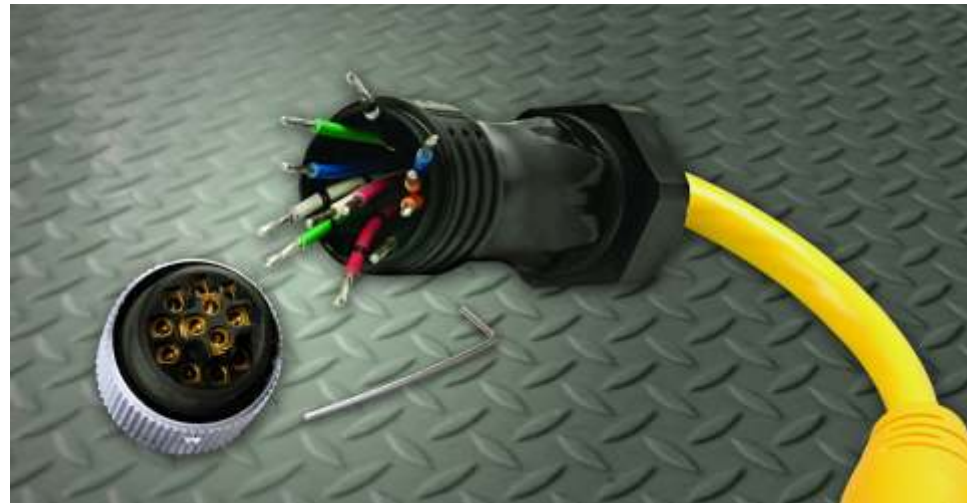
Turck-New Welding Cata.  Turck-12-pin, F.W. Minifast  Turck-DeviceNet F.W.

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# What's New

## minifast® Field Wireables with Up to 12 Pins



Excellent for efficiently converting hard wiring to quick disconnect

Provides IP 67 protection

In addition to the 3, 4 and 5-pin field wireables, **TURCK** now offers 6, 7 and 8-pin in a 1 inch thread connector, as well as a 9, 10 and 12-pin in a 1 1/8 inch thread connector.

**TURCK's** 6 through 10 and 12-pin field wireables are designed to handle up to 18 mm cable diameters, 14 AWG conductors and are rated for up to 8 Amps at 600 VAC/VDC.

The field wireables are available in male or female configurations for use with custom wiring, junction boxes and sensors.

## Field Installable Connectors for DeviceNet™



Field installable connectors with color coded connections for **DeviceNet** applications.

The major benefit these connectors provide is that the customer will no longer need to carry around cumbersome pinout diagrams to every installation.

The pinouts are clearly labeled and color coded to further ease labor considerations.



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## One Connector for Two Cylinder Position Sensors



The twin-set sensor is comprised of two BIM-UNT sensing heads connected by an over-molded cable.

The power and signal wires are then combined into an integral M12 connector on the sensor.

Only uses one 4-wire cordset to connect the BIM-UNT twin-set sensor to a PLC.

Especially useful for detecting the extended and retracted position of the cylinder's piston for longer cycles, and has high sensitivity and switching accuracy.

It is also useful in places where multiple cylinders are installed, as it only needs one wire harness.

## 2-Wire Devices Two-Wire DC Sensors with Factor 1 Technology

The 2-wire **Uprox+** sensors are available in M12, M18, M30 and CK40 body styles with cable and quick-disconnect options.

This provides an easy replacement for mechanical switches, as the new sensor can be connected to the existing cable network.

Like all **TURCK Uprox+** sensors, the 2-wire DC sensors are weld field immune and are available with Teflon or **TURCK's WeldGuard** coating for further protection in welding applications.





# The New Gigabit Ethernet Switch, eCon 2050-AA

The new Gigabit Ethernet switch eCon 2050-AA allows you to connect up to 5 Gigabit Ethernet ports in a very small space.

The Auto-negotiation, Auto-crossing and Auto-polarity functions make the eCon Ethernet switch fully plug-and-play, and through its comprehensive functions it is suitable for high data throughput.

It operates as an unmanaged switch in Store and Forward Switching Mode and supports Jumbo frames up to 9728 bytes.

Its robust aluminium housing to IP 30 and extended temperature range from -10 °C to +70 °C make it ideal for use in harsh industrial environments.

Integrated LEDs on each port of the Ethernet switch make network diagnostic fast and easy.



## BL67 Ethernet Gateways for PROFINET Systems

TURCK introduces a new BL67 Ethernet gateway available for use on PROFINET network systems.

PROFINET is the fastest industrial Ethernet I/O network and the only one that can successfully accomplish a line topology, making it available for long conveyor systems.



## Han® Q 5/0

Small Connector with a Big Termination,

## Han-Quick Lock®

- Innovative Han-Quick Lock® termination technology
- Field assembly without special tools
- Compatible with Han® Q 5/0 standard inserts
- 230/ 400V at 16 A.
- Reduced wiring times
- Insert suitable for all metal and plastic hoods and housings of the sizes Han® 3 A



## Inclinometer for Slope Angles

Three (angular) ranges, two 0-10V Analogue outputs (X/Y axis).

Small and compact rectangular housing

High measuring speed

Sensitive and precise

Long-term stability

High degree of protection

Extremely robust

Body style makes mounting easy

Potential Applications:

Walking beams

Door jam detection

Simple positioning feedback

Platform leveling



## New Welding Solutions



This catalogue contains TURCK's complete line of sensors, cordsets and accessories that are able to withstand the abrasion, physical impact, weld slag, splatter and high temperature environments created by resistive, MIG and TIG welding cells.

These devices are designed using proven material and construction methods that extend the life of the products beyond traditional solutions, increasing productivity and decreasing downtime significantly.



ENCODERS  
MOTION CONTROLLERS  
COUNTERS  
TIMERS



PHOTOELECTRIC DEVICES:  
SENSORS, LIGHT CURTAINS



INTERFACE PORTS FOR PLC'S,  
DRIVES, COMPUTERS  
& INDUSTRIAL NETWORKS



HEAVY DUTY  
INDUSTRIAL CONNECTORS



PC & EMBEDDED COMPUTER  
INTERFACE CARDS  
& DIAGNOSTIC  
DEVELOPMENT TOOLS



ULTRASONIC  
PROXIMITY SENSORS



FULL FEATURED INDUSTRIAL  
RELAYS, DIN RAIL MOUNTING  
SOCKETS & TIME CUBES



SENSING, CONNECTIVITY  
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