

TURCK

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PROFIsafe IP67 MODULES FOR SAFETY APPLICATIONS

Bitte senden Sie mir Unterlagen:

Sensortechnik

- ☐ Induktive Sensoren
- ☐ Induktive Sensoren für Schwenkantriebe
- ☐ *uprox*® induktive Sensoren
- ☐ Kapazitive Sensoren
- ☐ Magnetfeldsensoren
- ☐ Opto-Sensoren
- ☐ Geräte für den Personenschutz
- ☐ Ultraschall-Sensoren
- ☐ *levelprox*-Füllstandssensoren
- ☐ Strömungswächter
- ☐ Druckwächter
- ☐ Temperaturwächter
- ☐ Identifikationssystem
- ☐ Linearweg-Sensoren
- ☐ Drehweg-Sensoren
- ☐ Steckverbinder
- ☐ CD-ROM Sensortechnik

Interfacetechnik

- ☐ Interfacetechnik im Aufbaugehäuse
 - Bauform *multimodul*
 - Bauform *multisafe*®
- ☐ Allgemeine Informationen
- ☐ Interfacetechnik auf 19"-Karte
 - Bauform *multicart*®
- ☐ Miniaturrelais, Industrirelais, Zeitwürfel, Sockel
- ☐ Zeit- und Überwachungsrelais
- ☐ Ex-Schutz – Grundlagen für die Praxis (Übersichtsposter)
- ☐ CD-ROM Interfacetechnik

Feldbustechnik

- ☐ *busstop*®-Feldbuskomponenten
- ☐ Bussystem *sensoplex*®2
- ☐ Bussystem *sensoplex*®2Ex
- ☐ Bussystem *sensoplex*®MC
- ☐ Bussystem AS-Interface®
- ☐ Bussystem DeviceNet™
- ☐ Ethernet Netzwerkkomponenten
- ☐ BL20 I/O-Busklemmensystem
- ☐ Bussystem FOUNDATION™ fieldbus
- ☐ Bussystem PROFIBUS-DP
- ☐ Bussystem PROFIBUS-PA
- ☐ Bussystem *piconet*®
- ☐ Bussystem *excom*®
- ☐

Please send me more information:

Sensors

- ☐ inductive sensors
- ☐ inductive sensors for rotary actuators
- ☐ *uprox*® inductive sensors
- ☐ capacitive sensors
- ☐ magnetic-field sensors
- ☐ photoelectric sensors
- ☐ machine safety equipment
- ☐ ultrasonic sensors
- ☐ *levelprox* level sensors
- ☐ flow controls
- ☐ pressure controls
- ☐ temperature controls
- ☐ identification system
- ☐ linear position sensors
- ☐ rotary position sensors
- ☐ connectors
- ☐ CD-ROM Sensors

Interface technology

- ☐ devices in modular housings
 - *multimodul* style
 - *multisafe*® style
- ☐ general information
- ☐ devices on 19" card
 - *multicart*® style
- ☐ miniature relays, industrial relays, time cubes, sockets
- ☐ programmable relays and timers
- ☐ explosion protection – basics for practical application (overview poster)
- ☐ CD-ROM Interface technology

Fieldbus technology

- ☐ *busstop*® fieldbus components
- ☐ bus system *sensoplex*®2
- ☐ bus system *sensoplex*®2Ex
- ☐ bus system *sensoplex*®MC
- ☐ bus system AS-Interface®
- ☐ bus system DeviceNet™
- ☐ Ethernet network components
- ☐ BL20 I/O bus terminal system
- ☐ bus system FOUNDATION™ fieldbus
- ☐ bus system PROFIBUS-DP
- ☐ bus system PROFIBUS-PA
- ☐ bus system *piconet*®
- ☐ bus system *excom*®
- ☐

FAX-ANTWORT/FAX REPLY

Absender/Sender: _____

Name: _____

Firma/Company: _____

Abt./Position: _____

Adresse/Address: _____

Tel./Phone: _____

Fax: _____

E-Mail: _____



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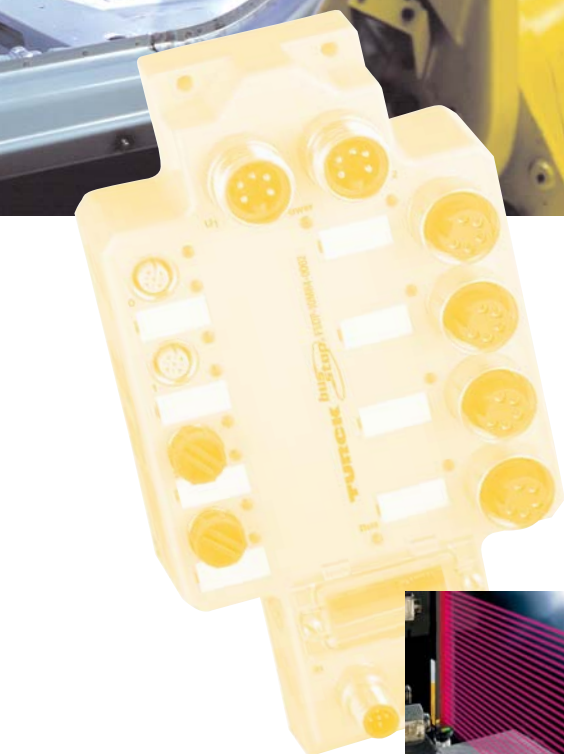
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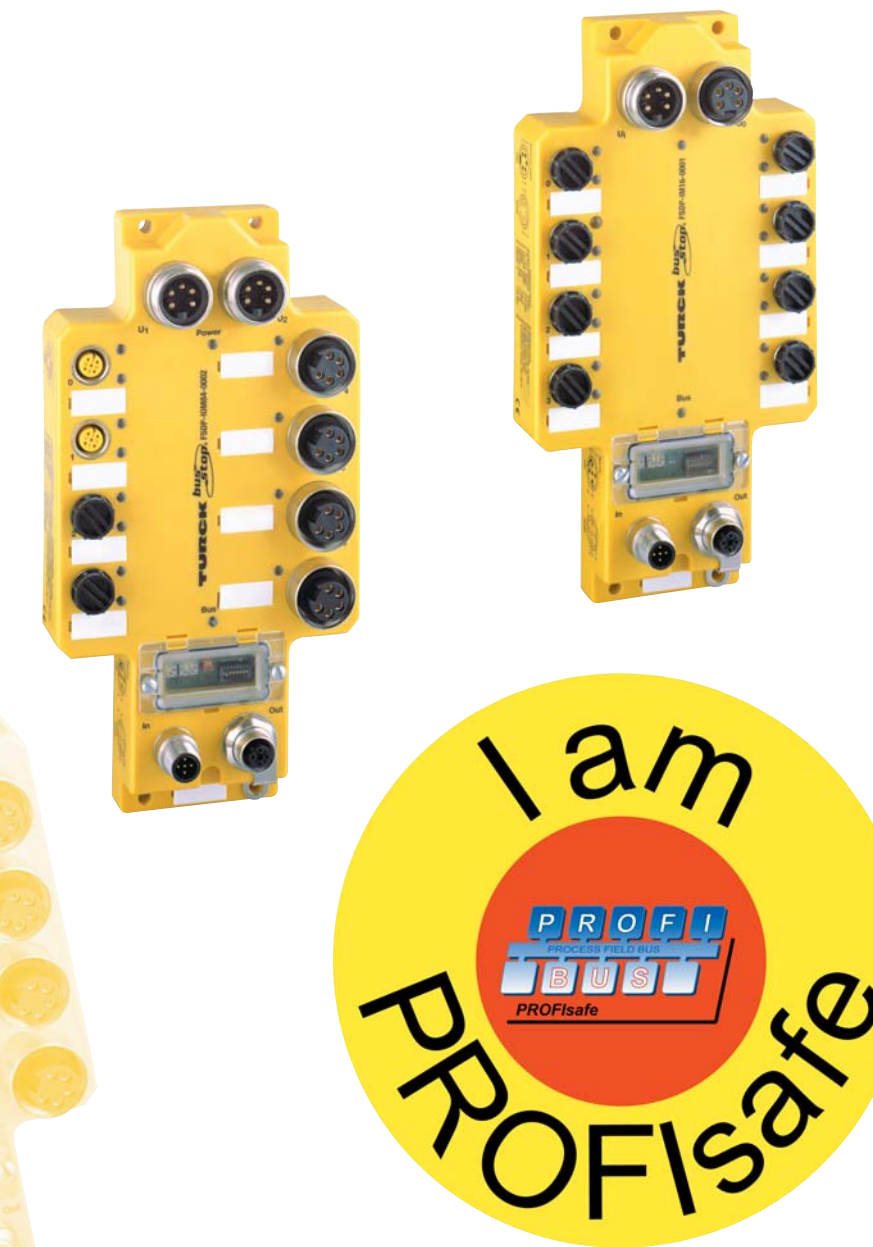
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Remote I/Os for
PROFIsafe in IP67

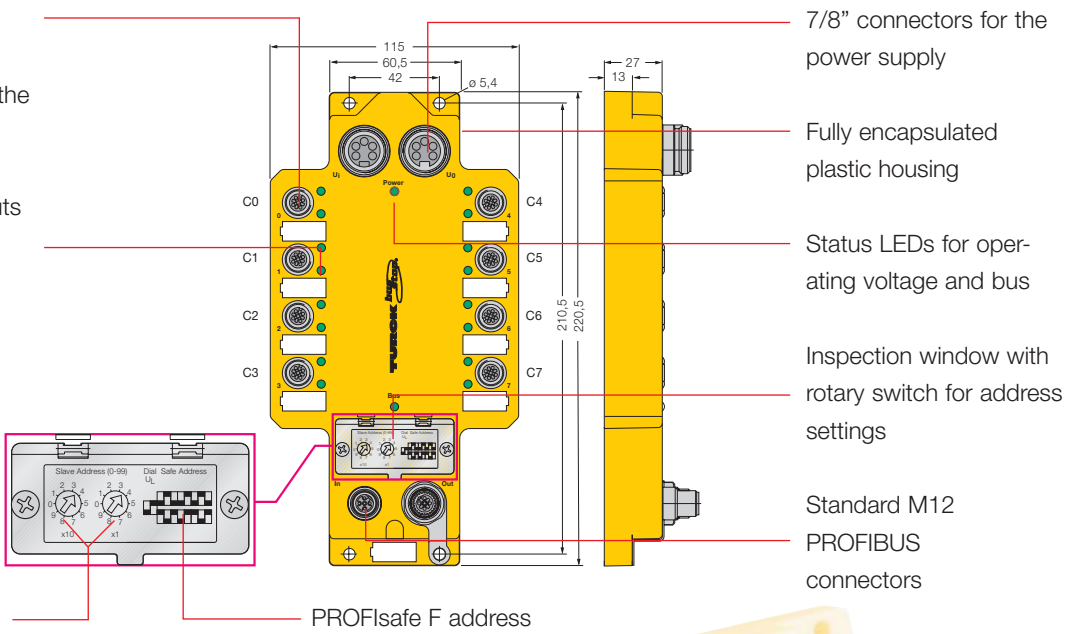
TURCK's new line of I/O components is designed for safety-related shut-down operations of machines directly via the PROFIBUS (PROFIsafe messaging). Fast and simplified system installation and set-up are the major advantages of this technology over conventional wiring methods. Furthermore, subsequent system modifications or extensions are easily accomplished. The I/O modules provide connections for sensors according to safety category SIL2 and SIL3 and actuators for safety-related operations. Field devices are connected to the PROFIBUS via reverse-keyed M12 connectors.

Input and output signals are simply connected to the station via M12 or 7/8" connectors. All I/O modules feature protection rating IP67 and are available in the following configurations: 16DI, 8DI/4DO with 6 A each, 8DI/4DO with 2 A each and 8DI/8DO with 0.5 A each.



M12 connectors for inputs and outputs, 7/8" connectors for the 6 A output version

Status LEDs for inputs and outputs



Safe – robust – compatible

Application example

- Distributed I/O components for PROFIsafe applications in protection degree IP67
- Approval: Safety category SIL 3 according to IEC 61508
- TÜV certified
- Convenient connection of sensors and actuators via M12 or 7/8" connectors
- Inputs configurable for safety category SIL2 or SIL3
- Outputs with 6 A max. suited for actuators up to safety category SIL3
- Shock and vibration-proof according to DIN EN 60068-2-6 and DIN EN 60068-2-27
- Temperature range -20 °C up to +55 °C

