

TURCK

ETHERNET NETWORK COMPONENTS

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
- ☐ Strömungswächter
- ☐ Druckwächter
- ☐ Temperaturwächter
- ☐ Steckverbinder
- ☐ CD-ROM Sensortechnik

Interfacetechnik

- ☐ Interfacetechnik im Aufbau-gehäuse
 - 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
- ☐ flow controls
- ☐ pressure controls
- ☐ temperature controls
- ☐ 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:

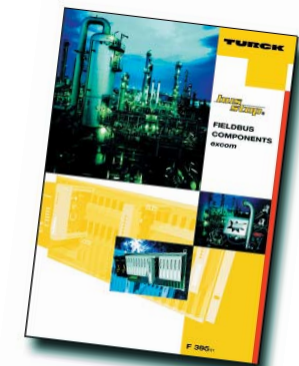
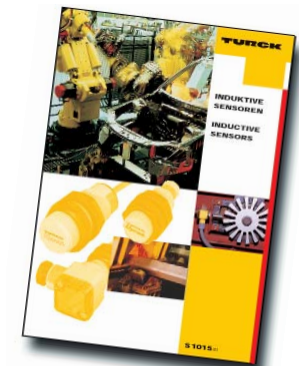
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**bus
stop**
Your fieldbus connection

INDUSTRIAL ETHERNET IN IP67

Today, Ethernet plays a major role in fieldbus applications, following its great success in office communication. TURCK meets this new challenge by offering devices for industrial Ethernet.

The I/O modules

Our extensive engineering knowledge and experience gained in PROFIBUS-DP and DeviceNet™ field installations have assisted us in developing this new device series. Compact and fully encapsulated housings enable direct installation in industrial production lines. The connection technology used is also perfectly adapted to industrial applications: 8-pole M12 connectors for Ethernet, 5-pole versions for the I/O devices and 7/8" types for the power supply guarantee secure and simple connections. Various I/O configurations are available.

The fully encapsulated IP67 modules in plastic housings and their specific connection technology allow installation of Ethernet in harsh industrial environments. Fast and secure system set-up is guaranteed.

Type	FENP-SO800 (8 inputs)
Type	FENP-S1600 (16 inputs)
Type	FENP-S0808 (8 inputs and 8 outputs)
Type	FENP-XSG16 (16 inputs or 16 outputs)
Type	FENP-S0008 (8 outputs)

Technical data:	
Type	FENP-...
Housing	fully encapsulated plastic housing
Dimensions	220,5 mm x 60,4 mm x 27 mm
Connections	8-pole M12 connectors for Ethernet, 7/8" connectors for the power supply, 5-pole M12 connectors for I/O
Protection degree	IP 67, NEMA 1, 3, 4, 12, 13
Temperature range	-20 °C up to +70 °C
Baud rate	10/100 Mbaud
Connections	1 x Ethernet, 2 x power supply, 8 x I/O
Power supply	10...30 VDC
Communication	Modbus TCP

The Switch

TURCK offers an Ethernet Switch for handling of data communication between the stations. In contrast to a hub, which transfers data to all connected stations, the Switch transfers data selectively only to those modules actually requiring data (routing). The Switch automatically detects the addresses of connected stations. The data volume and data rates are thus significantly reduced. The baud rates of the connected stations are also recognized automatically and every device is addressed with the appropriate baud rate (autobaud).

This feature enables interconnection 10 and 100 Mbaud networks. Of course, the Switch is suited for cascading. It is equipped with four downlink and one uplink port. All stations are connected via an 8-pole M12 connector; the power cable is connected via a 7/8" connector.

Both connector types feature proven industrial designs, guarantee protection degree IP67 and simple and secure connections.

Technical data:	
Type	SE84X-E524
Housing	fully encapsulated plastic housing
Dimensions	160 mm x 95 mm
Connections	8-pole M12 connectors for Ethernet, 7/8" connectors for the power supply
Protection degree	IP 67, NEMA 1, 3, 4, 12, 13
Temperature range	-40 °C up to +85 °C
Baud rate	10/100 Mbaud
Connections	4 downlink ports + 1 uplink port
Power supply	10...30 VDC
Functions	autobaud, routing

The cables

TURCK offers premoulded cables with integral M12 connectors for fast and error-free connection of field devices and I/O modules. Adapters for devices with RJ45 connectors are also available. The range comprises four different cable types, complying with the requirements of TIA/EIA568-A, category 5e, for 10 and 100 Base-T Ethernet.

Type	840, 8 wires, flexible, without shield
Type	841, 8 wires, flexible, with shield
Type	842, 8 wires, solid, without shield
Type	843, 8 wires, solid, with shield

