

Electronic modules

- Digital, analogue, temperature, RS232, SSI and much more
- Independent of the type of fieldbus
- Independent of the kind of connection technique
- Communication with the gateway via the internal module bus
- 2, 4 or 8 channel versions available
- Device diagnostics and status display via LEDs
- Type-specific colour coding

LEDs for system status control

Pluggable electronic modules

Flexible expansion, 32 modules max. (corresponds to 1 m)

Power feeding modules

- Supply power to field devices such as sensors and actuators
- Significantly extend the system's extension capabilities by eliminating the need for special power connectors with their typically restricted contact load capacity
- Allow creation of potential groups to be activated or disabled according to application needs

PROFI
INDUSTRIAL ETHERNET
NET

Modbus TCP

EtherNet/IP™

TURCK

Industrial
Automation

BL67 - MODULAR FIELDBUS I/O-SYSTEM IN IP67

INFORMATION - SERVICE & SUPPORT

Sie wünschen weitere Informationen?
Senden Sie uns dazu die nachfolgende
Auswahlliste oder nutzen Sie unseren
umfassenden Internet-Support.

You would like to order additional
information? Please return the order
list below or use our comprehensive
Internet support.

Sensortechnik

- ☐ Induktive Sensoren
- ☐ Induktive Sensoren – *uprox®*+
- ☐ Induktive Sensoren für Schwenkantriebe
- ☐ Magnetfeldsensoren
- ☐ Opto-Sensoren
- ☐ Geräte für den Personenschutz
- ☐ Kapazitive Sensoren
- ☐ Ultraschallsensoren
- ☐ Strömungssensoren
- ☐ Drucksensoren
- ☐ Füllstandssensoren *levelprox®*
- ☐ Temperatursensoren
- ☐ Linearwegsensoren
- ☐ Drehwegsensoren
- ☐ Steckverbinder und Verteiler
- ☐ CD-ROM Sensortechnik

Interfacetechnik

- ☐ Interfacetechnik im Aufbaugehäuse
- ☐ Interfacetechnik auf 19"-Karte
- ☐ Miniaturrelais, Industrirelais, Zeitwürfel, Sockel
- ☐ Zeit- und Überwachungsrelais
- ☐ Ex-Schutz – Grundlagen für die Praxis (Übersichtsposter)

Feldbustechnik

- ☐ Kompakte Feldbuskomponenten PROFIBUS-DP/DeviceNet™/Ethernet
- ☐ *piconet®* – modulares Feldbus-I/O-System in IP67
- ☐ BL67 – modulares Feldbus-I/O-System in IP67
- ☐ BL20 – modulares Feldbus-I/O-System in IP20
- ☐ Remote-I/O-System *excom®*
- ☐ Segmentkoppler
- ☐ FOUNDATION™ fieldbus-Feldbuskomponenten
- ☐ PROFIBUS-PA-Feldbuskomponenten
- ☐ Feldbussystem *sensoplex®2/2Ex*

Sensors

- ☐ Inductive sensors
- ☐ Inductive sensors – *uprox®*+
- ☐ Inductive sensors for rotary actuators
- ☐ Magnetic-field sensors
- ☐ Photoelectric sensors
- ☐ Machine safety equipment
- ☐ Capacitive sensors
- ☐ Ultrasonic sensors
- ☐ Flow sensors
- ☐ Pressure sensors
- ☐ Level sensors *levelprox®*
- ☐ Temperature sensors
- ☐ Linear position sensors
- ☐ Rotary position sensors
- ☐ Connectors and junctions
- ☐ CD-ROM Sensors

Interface technology

- ☐ Devices in modular housings
- ☐ Devices on 19" card
- ☐ Miniature relays, industrial relays, time cubes, sockets
- ☐ Programmable relays and timers
- ☐ Explosion protection – basics for practical application (overview poster)

Fieldbus technology

- ☐ Compact fieldbus components PROFIBUS-DP/DeviceNet™/Ethernet
- ☐ *piconet®* – modular fieldbus I/O-system in IP67
- ☐ BL67 – modular fieldbus I/O-system in IP67
- ☐ BL20 – modular fieldbus I/O-system in IP20
- ☐ Remote I/O-system *excom®*
- ☐ Segment coupler
- ☐ FOUNDATION™ fieldbus fieldbus components
- ☐ PROFIBUS-PA fieldbus components
- ☐ Fieldbus system *sensoplex®2/2Ex*

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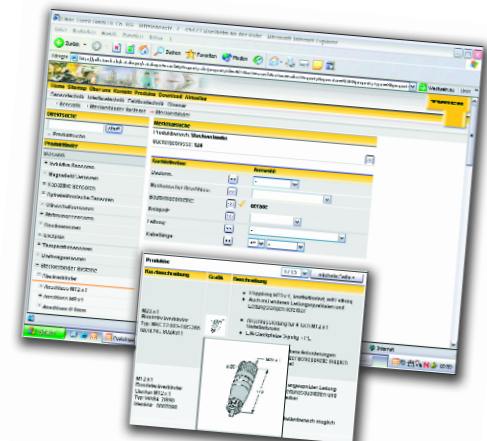
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BL67 - AUTOMATION WITHOUT LIMITS

The modular and flexible BL67 system, consisting of gateways, base and electronic modules, brings all the typical features and performance advantages of advanced IP20 systems to the harsh industrial IP67 environment.

The concept of separate, yet interacting gateways and extension modules not only makes you independent of the type of fieldbus used, but also enables accurate assembly of a specific field station exactly according to user needs. The large variety of available I/O signals in combination with a wide choice of connection techniques leaves nothing to be desired.

By eliminating the need for an extra module rack or an integrated backplane, the system is practically limitlessly expandable. The system additionally offers many mounting options: whether snap-on DIN rail or direct mounting onto the machine – in both cases BL67 fulfils all requirements concerning the system's mechanical stability.

Gateways

- Serve as the interface between the BL67 system and the fieldbus
- Gateways with interfaces to PROFIBUS-DP, CANopen, DeviceNet™ and Ethernet
- Ensure reliable data communication with the higher level control system

- Provide diagnostic indications via device LEDs and the fieldbus
- Feature a rotary switch for fieldbus addressing

- Are equipped with a service interface for connection of the I/O-ASSISTANT software

No mounting plate/base module required

Window for address switch and service port

DIN rail or direct mounting via through-holes

Gateway to fieldbus (PROFIBUS-DP, DeviceNet™...)

Proven connection technology for bus and power cables

Base modules

- Passive connection components for sensors and actuators
- Are independent of the chosen connection technique
- Provide a choice of M8, M12, M23 and 7/8" connectors
- Enable I/O connection via single, dual or multicore cables
- Quick exchange of the electronics with existing wiring; hot-swap feature
- Their mechanical coding avoids interchange errors when connecting the electronic modules

Simple to engineer with the I/O-ASSISTANT

- Supporting software tool for the BL67 system
- Off-line planning and commissioning of the BL67 station
- On-line parameterisation of the more complex electronic and function modules
- System set-up tool for checking sensor connections and wiring without a PLC
- Reading and writing of process data
- Diagnostic aid during operation
- Automatic documentation of the respective BL67 system configuration

Download free-of-charge at:

www.turck.com/BL67

CANopen

PROFI
PROCESS FIELD BUS
BUS

DeviceNet™

PROFI
INDUSTRIAL ETHERNET
NET

Modbus TCP

EtherNet/IP™

