



## Industrial Automation

# MULTIPROTOCOL I/O SYSTEMS FOR ETHERNET

### One device - 3 protocols

Marketed under the concept of multiprotocol, TURCK is offering the first field-bus gateways and block I/O modules that combine three Ethernet protocols – PROFINET IO, Modbus TCP, EtherNet/IP™ – in one device. The multiprotocol devices can be operated automatically in each of the three Ethernet systems.

The new multiprotocol solutions help users of different Ethernet protocols to effectively reduce the range of device variants required. Multiprotocol devices also enable the identical planning of machines and plant sections with different Ethernet protocols.

TURCK offers multiprotocol devices for its BL20 series gateways for control cabinet mounting and also for the BL67 series for field mounting. IP67 block I/O modules including the space-saving *BL compact* series are also available as multiprotocol devices.

All devices can be installed in a linear topology using their internal 3 port switches.

Furthermore the devices support the "prioritized startup" functionality: QuickConnect for EtherNet/IP™ and Fast Startup for PROFINET IO. In QuickConnect mode a block I/O device starts up in under 90 milliseconds. In Fast Startup mode, the device takes less than 150 milliseconds to start up.

#### Your advantages

- Reduced equipment variety
- Enhanced redundancy
- Simplified storage
- Generic system concepts

Sense it! Connect it! Bus it! Solve it!

## **Multiprotocol I/O systems for Ethernet**



## Industrial Automation

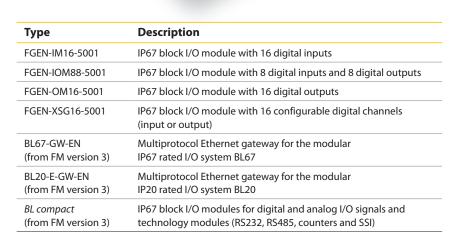
#### **Product highlights**

- Operable in the Ethernet systems PROFINET IO, EtherNet/IP™ and Modbus TCP
- Automatic protocol recognition
- Supports prioritized start-up and topology recognition as well as LLDP in PROFINET-IO applications
- QuickConnect (QC) and Device Level Ring (DLR) are implemented in Ether-Net/IP™
- Available as BL20 and BL67 gateway and as IP67 block I/O module













To get all product information, just scan the QR code with a smartphone or webcam.

Hans Turck GmbH & Co. KG Witzlebenstraße 7 45472 Mülheim an der Ruhr Germany Tel. +49 208 4952-0 Fax +49 208 4952-264 E-Mail more@turck.com

D301293 2012/11

Internet www.turck.com

