

PRESS RELEASE 03/12

## Profinet-IRT Gateway for BL20

Turck's modular BL20 I/O system can now also be used for Profinet

*Mülheim, March 22, 2012* – Turck is completing its range of fieldbus interfaces with a Profinet Economy gateway for the BL20 modular I/O system. The new BL20-E-GW-PN gateway allows hard real-time communication in compliance with the Profinet IRT (Isosynchronous Real-time Ethernet) specification. The gateway from the Economy series comes with extensive diagnostic and maintenance functions. The topology detection function, for example, simplifies the automatic detection of neighboring stations in the Profinet network via the Link Layer Discover Protocol (LLDP).

Together with the already available gateways for Modbus TCP and Ethernet/IP, and the new Ethercat model, BL20 fieldbus interfaces are now available for the most typical Ethernet bus protocols. With the compact BL20 Economy gateways, Turck is supporting the trend towards decentralization and is enabling flexible control solutions even where space is limited. The gateways with a width of only 33 millimeters come with an onboard power supply unit, a switch as well as two female RJ45 connectors, and thus significantly reduce installation requirements.

Despite their small size, the Economy gateways offer the full functionality of the BL20 stations. When combined with easy to exchange electronic or Economy modules with up to 32 I/O channels, the BL20 series supports a host of different signal types – from digital and analog inputs/outputs to PWM counter modules and DOL and reversing starters right through to RFID modules. Tailor-made solutions for IP20 applications can be thus implemented regardless of the fieldbus in use.



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**The new Economy gateway now also makes Turck's BL20 I/O system Profinet compatible**

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