Programmable Ethernet Gateways in IP20 and IP67

Codesys 3 programmable multiprotocol gateways from Turck offer a smart interface to Profinet, Ethernet/IP and Modbus TCP

Mülheim, March 11, 2015 – At this year's Hannover Messe, Turck will be showcasing a new generation of programmable gateways for its BL20 and BL67 modular I/O solutions. The new gateways can be programmed with Codesys 3. Turck's multiprotocol technology enables the devices to be used in any of the three Ethernet protocols – Profinet, Ethernet/IP and Modbus TCP. The new devices now provide a programmable gateway for Profinet applications for the first time.

Turck has been offering programmable gateways in IP20 and IP67 for different fieldbuses for several years. The devices operate with Codesys 2.3 and have been tried and tested in several applications in which decentralized intelligence in the field can be used effectively. Programmable gateways are not only suitable for general control tasks, but also as a protocol converter, such as for converting Ethernet to serial communication. The devices also offer invaluable service for communication in RFID applications, and can for example take over the system internal data communication tasks from the higher-level controller and only pass on user data.

The new multiprotocol gateways now make more possibilities open to the user. For example, field devices with serial interfaces can be integrated in the Ethernet automation world or RFID systems linked directly to the PC-based automation solutions.

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The Codesys 3 programmable multiprotocol gateways from Turck in IP67 and IP20 offer a smart interface to the Ethernet automation world

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