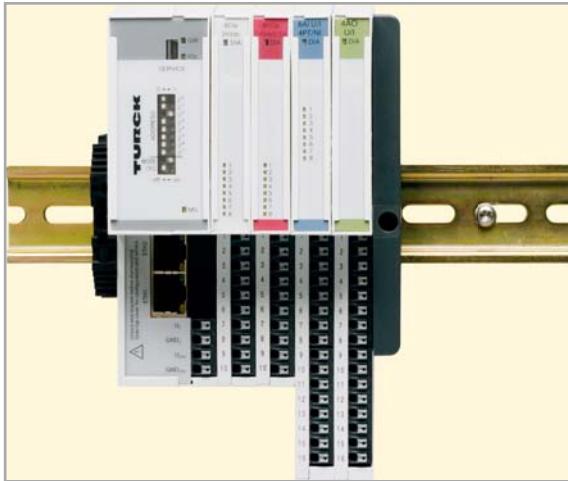


# PRODUCT RELEASE ANNOUNCEMENT

APRIL 2011

**TURCK**  
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## BL20 Economy Line Provides Low-Cost and Higher Density I/O Distribution

For some customers, finding the most cost-effective distributed I/O option on the market is the primary factor influencing their purchasing decision. These customers may be hard-wiring I/O to terminal blocks, and are looking for an inexpensive entry into modular I/O.

TURCK's BL20 Economy line was designed to fill this need. The gateways are less expensive than competitive offerings and standard BL20 gateways. The BL20 Economy line provides features for simple distributed I/O and is TURCK's lead-in product for customers looking to migrate to distributed I/O.

BL20 Economy gateways can handle up to 32 I/O modules, including digital, analog and specialty modules, resulting in a system that can handle up to 512 digital I/O points or 128 analog I/O points as well as a combination of digital and analog on the same gateway. BL20 Economy gateways are available for EtherNet/IP™, Modbus TCP, DeviceNet™, CANopen and PROFIBUS® networks. Addressing the gateway is accomplished via dip-switch, TURCK's *I/Oassistant* or an integrated web server.

### New additions to the Economy line:

- EtherNet/IP and Modbus TCP gateways are available with an integrated switch allowing multiple Economy gateways to be deployed in a line topology.
- Analog inputs and analog outputs may be configured by channel for current or voltage; the 8 channel analog inputs can be configured as 4 RTD channels. Configuration by channel is a great selling feature, as it simplifies the need to stock multiple cards.

### Highlights of the BL20 Economy line:

- An integrated power supply eliminates the need for an additional power module to feed the I/O bus.
- Designed to work with standard BL20 slices that are removable under power; choice of tension (spring) or screw bases.
- Compatible with specialty slices including RS232, SWIRE and RFID-S. RFID-S slices provide a simple and cost effective RFID solution that includes the flexibility that is specific to a modular I/O solution.

### Selling Strengths

- Cost: Low cost solution for communication and I/O points.
- Scalable: A combination of 32 slices per gateway.
- Ethernet: Includes an integrated switch for line topology that eliminates the need for a separate switch.
- Flexible: Works with the full offering of Economy I/O slices, as well as the standard BL20 slices.
- Speciality: Work with the RFID-S and all other BL20 speciality modules

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## Product Specifications

- UL certified as noted (see below)
- IP20 rated

Part Number	ID Number	Description	UL Certified
BL20-E-8DI-24VDC-P	M6827227	Slice with 8 digital inputs	Y
BL20-E-16DI-24VDC-P	M6827231	Slice with 16 digital inputs	Y
BL20-E-8DO-24VDC-0,5A-P	M6827226	Slice with 8 digital outputs	Y
BL20-E-16DO-24VDC-0,5A-P	M6827230	Slice with 16 digital outputs	Y
BL20-E-8AI-U/I-4PT/NI	M6827325	Slice with 8 analog inputs or 4 RTD outputs	Y
BL20-E-4AO-U/I	M6827328	Slice with 4 analog outputs	N
BL20-E-1SWIRE	M6827251	Slice with SWIRE	Y
BL20-E-GW-DP	M6827250	PROFIBUS® gateway	Y
BL20-E-GW-CO	M6827252	CANopen gateway	Y
BL20-E-GW-DN	M6827301	DeviceNet™ gateway	Y
BL20-E-GW-EN	M6827329	Modbus TCP gateway	Y
BL20-E-GW-EN-IP	M6827330	EtherNet/IP™ gateway	Y
BL20-E-2CNT-2PWM	M6827341	Slice with two counter channels	N