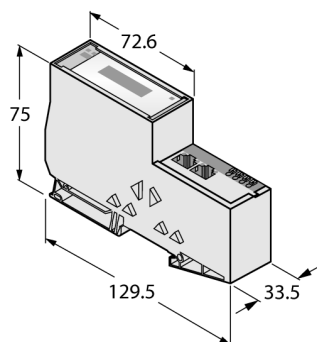


Gateway for the BL20 I/O System

Interface for EtherNet/IP

BL20-E-GW-EN-IP



- DIP switch for adjustment of the node address
- Protection class IP20
- 2 x end brackets BL20-WEW35/2-SW
- 1 x end plate BL20-ABPL
- Integrated power supply
- LEDs for display of supply voltage, group and bus errors
- Interface between the BL20 system and EtherNet/IP
- 10/100 Mbps
- Integrated switch
- 2x RJ45 hookup

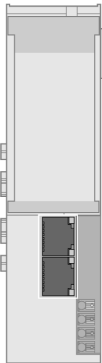
Type	BL20-E-GW-EN-IP
ID	6827330
Supply voltage	24 VDC
System power supply	24 VDC / 5 VDC
Field supply	24 VDC
Admissible range	18...30 VDC
Nominal current from module bus	≤ 200 mA
Max. field supply current	8 A
Max. system supply current	0.4 A
Voltage supply connection	Push-in terminals
Fieldbus addressing	via DIP switch
Fieldbus connection technology	RJ45 port
Transmission rate	10/100 Mbps; full/half duplex; auto negotiation; auto crossing
Service interface	Mini USB
Dimensions (W x L x H)	33.5 x 129.5 x 74.4 mm
Approvals	CE, cULus, zone 2, Class I, Div. 2
Ambient temperature	0...+55 °C
Storage temperature	-25...+85 °C
Relative humidity	15...95 %, no condensation allowed
Vibration test	Acc. to EN 61131
Shock test	Acc. to IEC 60068-2-27
Drop and topple	Acc. to IEC 60068-2-31
Electromagnetic compatibility	Acc. to EN 61131-2
Protection class	IP20
Included in delivery	2 x end brackets BL20-WEW-35/2-SW, 1 x end plate BL20-ABPL

Functional principle

BL20 gateways are the head component of a BL20 station. They are designed to interface the modular fieldbus nodes to the higher level fieldbus (PROFIBUS-DP, DeviceNet, CANopen, Ethernet).

All BL20 electronic modules communicate over the internal module bus, the data of which is transferred to the fieldbus via the gateway, so that all I/O modules can be configured independently of the bus system.

Anschlussübersicht

	Ethernet Fieldbus cable (example): RJ45S-RJ45S-441-2M (ID number 6932517) or RJ45-FKSDD-441-0,5M/S2174 (ID number 6914221)	Pin Assignment ETH2 8 1 8 1 ETH1 8 1 1 = TX + 2 = TX - 3 = RX + 4 = n.c. 5 = n.c. 6 = RX - 7 = n.c. 8 = n.c.
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Accessories

Type code	Ident-No.		Dimension drawing
BL20-ABPL (2 PCS.)	6827123	End plate for a BL20 station after the last I/O module (2 pieces)	
BL20-WEW-35/2-SW (10 PCS.)	6827124	End bracket for fixation of a BL20 station (10 pieces)	