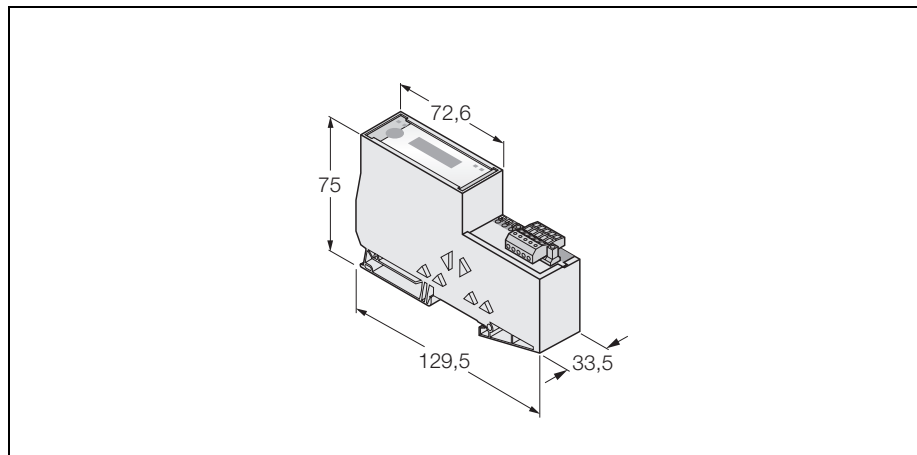


**gateway for BL20 I/O system
interface for DeviceNet
BL20-E-GW-DN**



- DIP switch for adjustment of the node address
- degree of protection IP20
- 2 x end brackets BL20-WEW35/2-SW
- 1 x end plate BL20-ABPL
- with integrated supply
- LEDs for display of supply voltage, common alarm and bus errors
- Interface between BL20 system and DeviceNet
- 125 / 250 / 500 kbps
- The connection to DeviceNet™ is established via an open-style connector

Type	BL20-E-GW-DN
Ident-No.	6827301
System power supply	
Field supply	24 VDC / 5 VDC
Admissible range	24 VDC
Rated current from module bus	18...30 VDC
Max. field supply current	≤ 250 mA
Max. system supply current	10 A
Fieldbus transmission rate	
Fieldbus addressing range	125/250/500 kbps, DIP switch
Fieldbus addressing	0...63
Service interface	per DIP switch
Fieldbus connection technology	PS/2 socket for I/O-ASSISTANT
Voltage supply connection	open connector
Fieldbus termination	Push-in clamps
	per DIP switch
Dimensions (W x L x H)	
Operating temperature	33.5 x 129.5 x 74.4 mm
Storage temperature	0 to +55 °C
Relative humidity	-25 to +85 °C
Vibration test	5 to 95% (internal), Level RH-2, no condensation (at 45 °C storage)
Shock test	acc. to EN 61131
Drop and topple	acc. to IEC 68-2-27
Electro-magnetic compatibility	acc. to IEC 68-2-31 and free fall to IEC 68-2-32
Degree of protection	acc. to EN 50,082-2
	IP20
Included in scope of supply	
	2 x end brackets BL20-WEW-35/2-SW, 1 x end plate BL20-ABPL

field supply/system supply



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 BL67 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.