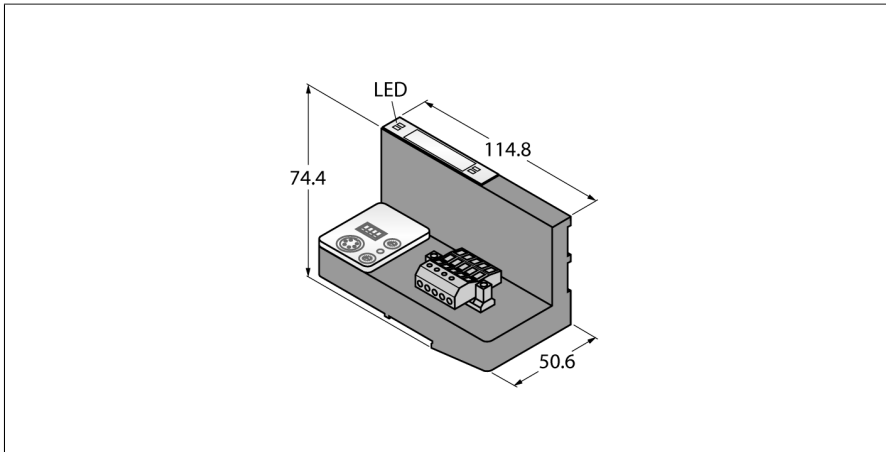


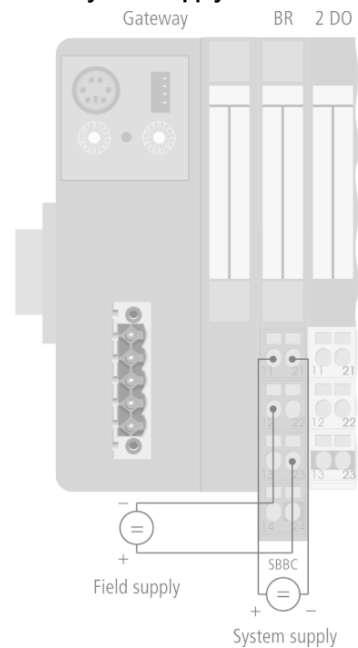
# Gateway for the BL20 I/O System Interface for DeviceNet, Without Own Supply Additional Bus Refreshing Module Required BL20-GW-DNET



- Rotary coding switch to adjust the node address
- Protection class IP20
- 2 x end brackets BL20-WEW35/2-SW
- 1 x end plate BL20-ABPL
- LEDs for display of supply voltage, group and bus errors
- Interface between the BL20 system and DeviceNet™
- 125 / 250 / 500 kbps
- Connection to DeviceNet™ established via Open-Style connector

Type	BL20-GW-DNET
ID	6827005
Supply voltage	via BR module
Nominal current from module bus	≤ 250 mA
Fieldbus transmission rate	125/250/500 kbps
Adjustment transmission rate	2 dec. Rotary coding switches
Fieldbus addressing	2 rotary switches
Fieldbus address range	0...63
Fieldbus connection technology	Open style connector
Fieldbus termination	via DIP switch
Service interface	PS/2 socket
Dimensions (W x L x H)	50.6 x 114.8 x 74.4 mm
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

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