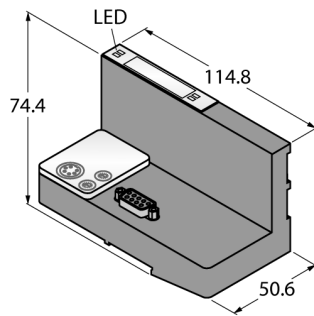


Gateway for the BL20 I/O System

Interface for PROFIBUS-DP, Without Own Supply

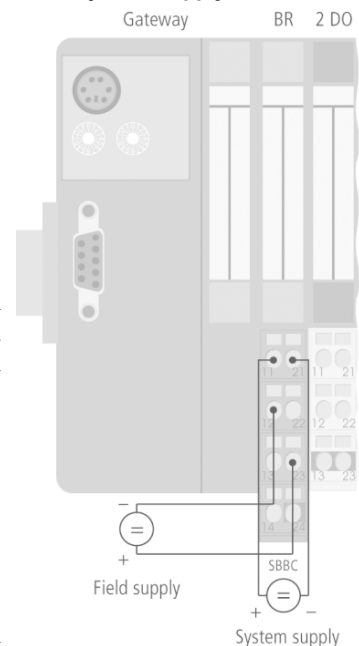
Additional Bus Refreshing Module Required

BL20-GW-PBDP-12MB



- 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 PROFIBUS-DPV0/DPV1
- 12 Mbps
- Sub-D female, 9-pin

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.

Type	BL20-GW-PBDP-12MB
ID	6827002
Supply voltage	via BR module
Nominal current from module bus	≤ 430 mA
Fieldbus transmission rate	9.6 kbps ... 12 Mbps
Fieldbus addressing	2 rotary switches
Fieldbus address range	1...125
Fieldbus connection technology	1 x female sub-D connector
Fieldbus termination	External
Service interface	PS/2 socket
Number of diagnostics bytes	3
Number of parameter bytes	5
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