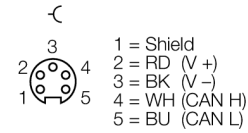
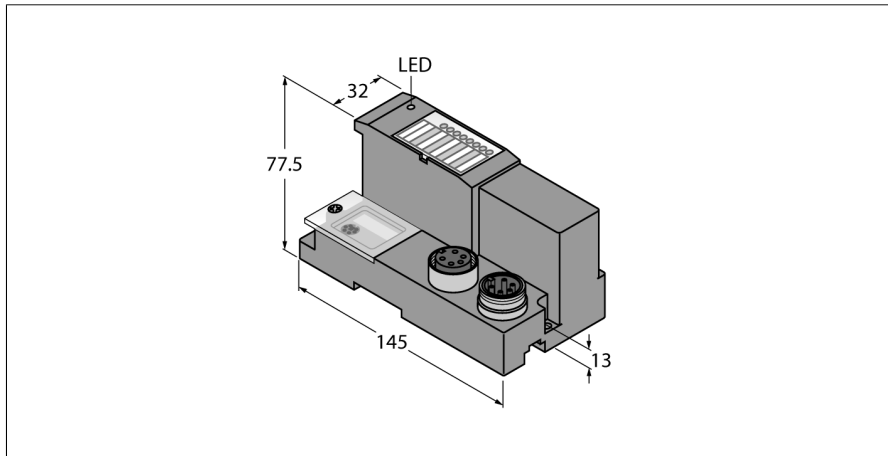


Gateway for BL67 I/O system

Interface for DeviceNet™

BL67-GW-DN



DeviceNet™ IN



| | |
|--|---|
| Type designation | BL67-GW-DN |
| Ident-No. | 6827183 |
| Supply voltage | 24 VDC |
| Admissible range | 11...26 VDC |
| Nominal current from module bus | ≤ 600 mA |
| max. system supply current $I_{mb (SV)}$ | 1.5 A |
| Max. sensor supply I_{sens} | 4 A electronically limited current supply |
| max. load current I_L | 8 A |
| Voltage supply connection | From DeviceNet™ cable |
| Fieldbus transmission rate | 125/250/500 kbps |
| Fieldbus addressing | 2 decimally coded rotary switches |
| Fieldbus address range | 0...63 |
| Fieldbus connection technology | 2 × 7/8", 5-pin |
| Fieldbus termination | external |
| Service interface | RS232 interface (PS/2 socket) |
| Dimensions (W x L x H) | 74 x 145 x 77.5mm |
| Approvals | CE, cULus |
| Operating temperature | -40...+70 °C |
| Storage temperature | -40...+85 °C |
| Relative humidity | 5 to 95 % (internal), Level RH-2, no condensation (at 45 °C storage) |
| Vibration test | acc. to EN 61131 |
| Extended vibration resistance | VN 02-00 and higher |
| - up to 5 g (at 10 to 150 Hz) | for mounting on DIN rail no drilling according to EN 60715, with end bracket |
| - up to 20 g (at 10 up to 150 Hz) | for mounting on base plate or machinery Therefore every second module has to be mounted with two screws each. |
| Shock test | acc. to IEC 68-2-27 |
| Drop and topple | acc. to IEC 68-2-31 and free fall to IEC 68-2-32 |
| Electromagnetic compatibility | acc. to EN 61131-2 |
| Protection class | IP67 |
| DIN rail mounting | yes, Attention: Offset |
| Direct mounting | Two mounting holes, 6 mm Ø |
| Included in delivery | 1 x end plate BL67 |

Functional principle

BL67 gateways are the head component of a BL67 station. They are designed to connect the modular fieldbus nodes to the higher level fieldbus (PROFIBUS-DP, DeviceNet™, CANopen, Ethernet, Modbus TCP, PROFINET IO or EtherNet/IP™).

All BL67 electronic modules communicate over 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.