wenglor
the innovative family

Technical Data

# BG8V1P-N-2M
# PNP-NPN Converter

M8 × 1; 3-pin



EN

Dimensions in mm
Subject to change without notice
Version 0
**www.wenglor.com**

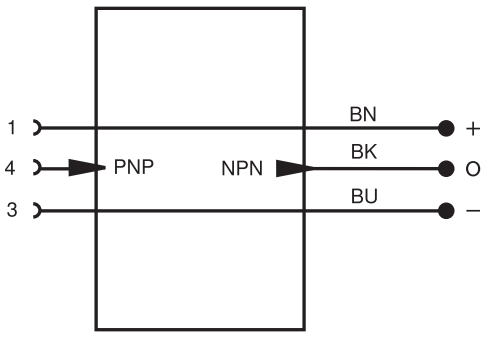
## Technical data

| Electrical Data | |
|---|---|
| Supply Voltage | 10...30 V DC |
| Current Consumption (Ub = 24 V) | < 2 mA |
| Switching Output/Switching Current | 200 mA |
| Switching Frequency | 5 kHz |
| Response Time | 100 µs |
| Residual Current Switching Output | < 50 µA |
| Short Circuit Protection | yes |
| Reverse Polarity Protection | yes |
| Overload Protection | yes |

| Mechanical Data | |
|---|---|
| Connection 1 | Socket, straight |
| Connection mode 1 | M8 × 1, 3-pin |
| Connection 2 | stripped |
| Torque | M8: 0,4 Nm |
| Cable length (L) | 2 m |
| Outer diameter (d) | 4.5 mm |
| Wire cross-section | 0.25 / 0.34 mm² |
| Degree of Protection | IP67 |
| Temperature Range | -10...60 °C |
| Cable Jacket Material | Plastic, PVC |
| Material Wire Insulation | Plastic, PVC |
| Material Sleeve Nut | Brass, nickel-plated |

| General Data | |
|---|---|
| Scope of delivery | 1 × PNP-NPN converter |
| Packaging unit | 1 Piece |

## Technical illustrations




| Pin | Wire color |
|---|---|
| 1 | Brown |
| 3 | Blue |
| 4 | Black |