wenglor
the innovative family

Technical Data

BG2V1P-N-2M
PNP-NPN Converter

M12 × 1; 4-pin



EN

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

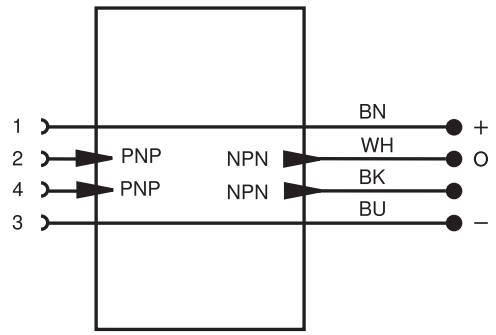
Technical data

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	M12 × 1, 4-pin
Connection 2	stripped
Torque	M12: 0,6 Nm
Coding	A-coding
Cable length (L)	2 m
Outer diameter (d)	5 mm
Wire cross-section	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
2	White

Pin	Wire color
3	Blue
4	Black