



CE

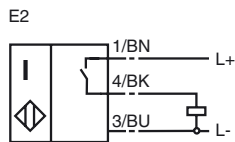
Model Number

NEB6-12GM50-E2

Features

- Comfort series
- 6 mm quasi-embeddable
- increased operating distance

Connection

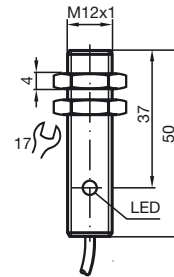


Accessories

BF 12

Mounting flange

Dimensions



Technical Data

General specifications

Switching element function	PNP Make function
Rated operating distance	s_n 6 mm
Installation	quasi embedd.
Output polarity	DC
Assured operating distance	s_a 0 ... 4.86 mm
Reduction factor r_{Al}	0.28
Reduction factor r_{Cu}	0.2
Reduction factor r_{V2A}	0.67

Nominal ratings

Operating voltage	U_B	10 ... 30 V
Switching frequency	f	0 ... 800 Hz
Hysteresis	H	typ. 5%
Reverse polarity protection		protected against reverse polarity
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 2 V
Operating current	I_L	0 ... 200 mA
Off-state current	I_r	0 ... 0.1 mA typ. 0.1 μ A at 25 °C
No-load supply current	I_0	≤ 10 mA
Indication of the switching state		LED, yellow

Standard conformity

Standards	IEC / EN 60947-5-2:2004
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Ambient conditions

Ambient temperature	-25 ... 70 °C (248 ... 343 K)
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Mechanical specifications

Connection type	2 m, PVC cable
Core cross-section	0.34 mm ²
Housing material	brass, chromium plated
Sensing face	PBT
Protection degree	IP67