



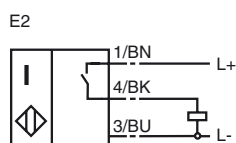
Model Number

NJ2-8GM40-E2

Features

- Comfort series
- 2 mm not embeddable

Connection

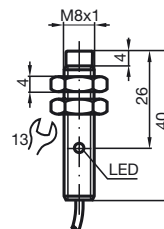


Accessories

BF 8

Mounting flange

Dimensions



Technical Data

General specifications

Switching element function	PNP Make function
Rated operating distance	s_n 2 mm
Installation	not embeddable
Output polarity	DC
Assured operating distance	s_a 0 ... 1.62 mm
Reduction factor r_{Al}	0.4
Reduction factor r_{Cu}	0.35
Reduction factor r_{V2A}	0.7

Nominal ratings

Operating voltage	U_B 10 ... 60 V
Switching frequency	f 0 ... 400 Hz
Hysteresis	H typ. 5%
Reverse polarity protection	protected against reverse polarity
Short-circuit protection	pulsing
Voltage drop	U_d ≤ 3 V
Operating current	I_L 0 ... 100 mA
Off-state current	I_r ≤ 10 μ A
No-load supply current	I_0 ≤ 15 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, PUR cable
Core cross-section	0.14 mm ²
Housing material	Stainless steel
Sensing face	PBT
Protection degree	IP67

Approvals and certificates

CCC approval	Certified by China Compulsory Certification (CCC)
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