

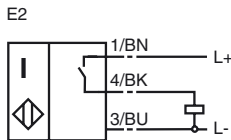


CE

Model Number

NJ2-12GM40-E2-V1-Y37715

Connection

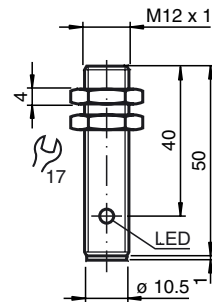


Accessories

EXG-12

Mounting aid

Dimensions



Technical Data

General specifications

Switching element function	PNP Make function
Rated operating distance	s_n 2 mm
Installation	embeddable
Output polarity	switched high
Assured operating distance	s_a 0 ... 1.62 mm
Reduction factor r_{Al}	0.45
Reduction factor r_{Cu}	0.4
Reduction factor r_{V2A}	0.75

Nominal ratings

Operating voltage	U_B	10 ... 30 V
Switching frequency	f	0 ... 1000 Hz
Hysteresis	H	1 ... 10 typ. 3 %
Reverse polarity protection		protected against reverse polarity
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 2 V
Operating current	I_L	0 ... 200 mA
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)
Storage temperature	-40 ... 85 °C (233 ... 358 K)

Mechanical specifications

Connection type	connector M12 x 1
Housing material	V2A
Sensing face	PBT
Protection degree	IP67