



Model Number

NBN2-8GM40-E2-C

Accessories

BF 8

Mounting flange, 8 mm

EXG-08

Quick mounting bracket with dead stop

Technical Data

General specifications

Switching element function		PNP	NO
Rated operating distance	s_n	2 mm	
Installation		non-flush	
Assured operating distance	s_a	0 ... 1.62 mm	
Reduction factor r_{Al}		0.3	
Reduction factor r_{Cu}		0.25	
Reduction factor r_{304}		0.65	

Nominal ratings

Operating voltage	U_B	10 ... 30 V
Switching frequency	f	0 ... 1800 Hz
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 3 V
Operating current	I_L	0 ... 100 mA
No-load supply current	I_0	≤ 20 mA
Alternating magnetic field	B	150 mT
Switching state indicator		LED, yellow

Standard conformity

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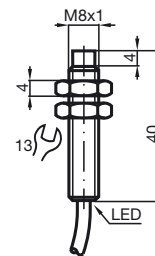
Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
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Mechanical specifications

Core cross-section	0.14 mm ²
Housing material	Brass, PTFE coated
Sensing face	PPS; Ryton R4
Degree of protection	IP67

Dimensions



Electrical Connection

