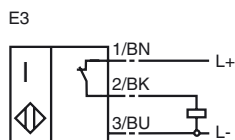




Model Number

NJ1,5-8GM40-E3-V1

Connection



Accessories

BF 8

Mounting flange

V1-G

Non pre-wired cable socket

V1-W

Non pre-wired cable socket

V1-G-2M-PUR

Cable connector

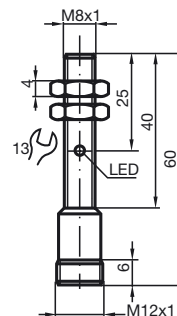
V1-W-2M-PUR

Cable connector

EXG-08

Mounting aid

Dimensions



Technical Data

General specifications

Switching element function		PNP Break function
Rated operating distance	s_n	1.5 mm
Installation		embeddable
Output polarity		switched high
Assured operating distance	s_a	0 ... 1.215 mm
Reduction factor r_{AI}		0.25
Reduction factor r_{Cu}		0.2
Reduction factor r_{V2A}		0.7

Nominal ratings

Operating voltage	U_B	10 ... 60 V
Switching frequency	f	0 ... 500 Hz
Reverse polarity protection		protected against reverse polarity
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 3 V
Operating current	I_L	0 ... 100 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)
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Mechanical specifications

Connection type	V1-connector
Core cross-section	-
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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