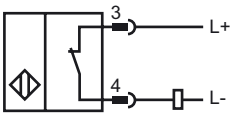


**Model Number**

NBB1,5-8GM50-Z1-V3

Features

- Basic series
- 1.5 mm embeddable

Connection**Pinout**

Wire colors in accordance with EN 60947-5-2

1	BN
3	BU
4	BK

Accessories**BF 8**

Mounting flange

V3-WM

Cable connector

V3-GM

Cable connector

V3-WM-2M-PUR

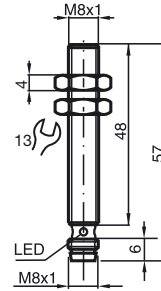
Cable connector

V3-GM-2M-PUR

Cable connector

EXG-08

Mounting aid

Dimensions**Technical Data****General specifications**

Switching element function	DC	Break function
Rated operating distance	s_n	1.5 mm
Installation		embeddable
Output polarity		DC
Assured operating distance	s_a	0 ... 1.21 mm
Reduction factor r_{Al}		0.22
Reduction factor r_{Cu}		0.16
Reduction factor r_{V2A}		0.64

Nominal ratings

Operating voltage	U_B	5 ... 60 V
Switching frequency	f	0 ... 1200 Hz
Hysteresis	H	1 ... 10 typ. 5 %
Reverse polarity protection		tolerant
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 5 V
Operating current	I_L	2 ... 100 mA
Off-state current	I_r	0 ... 0.5 mA typ.
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	V3-connector
Housing material	Stainless steel
Sensing face	LCP
Protection degree	IP67

Approvals and certificates

CCC approval	Certified by China Compulsory Certification (CCC)
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