



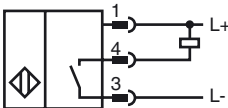
Model Number

NMB1,5-8GM65-E0-FE-V3

Features

- Stainless steel sensing face
- Sensing range 1.5 mm
- 3-wire DC
- Ferrous targets

Connection



Pinout



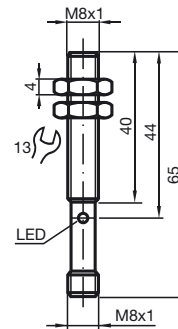
Wire colors in accordance with EN 60947-5-2

- | | | | |
|---|--|----|---------|
| 1 | | BN | (brown) |
| 3 | | BU | (blue) |
| 4 | | BK | (black) |

Accessories

- V3-GM-2M-PUR**
Cable socket, M8, 3-pin, PUR cable
- V3-WM-2M-PUR**
Cable socket, M8, 3-pin, PUR cable

Dimensions



Technical Data

General specifications

Switching element function		NPN	NO
Rated operating distance	s_n	1.5 mm	
Installation		flush	
Output polarity		DC	
Assured operating distance	s_a	0 ... 1.215 mm	
Actuating element		Ferrous targets	
Reduction factor r_{Al}		0	
Reduction factor r_{Cu}		0	
Reduction factor r_{304}		0.6	
Reduction factor r_{St37}		1	

Nominal ratings

Operating voltage	U_B	10 ... 30 V DC
Switching frequency	f	80 Hz
Hysteresis	H	5 ... 15 typ. 10 %
Reverse polarity protection		yes
Short-circuit protection		yes
Voltage drop	U_d	≤ 2 V
Operating current	I_L	≤ 100 mA
Current consumption		≤ 15 mA
Off-state current	I_r	≤ 10 μ A

Indicators/operating means

Operating display	LED red: output
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Standard conformity

Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007
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Ambient conditions

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

Connection type	Device connector M8 x 1 , 3-pin
Housing material	Stainless steel 1.4305 / AISI 303
Sensing face	Stainless steel 1.4305 / AISI 303
Protection degree	IP67

Approvals and certificates

UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose
CCC approval	Products with a maximum operating voltage of ≤ 36 V do not bear a CCC marking because they do not require approval.

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