



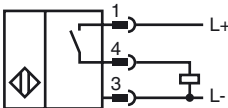
**Model Number**

NMB1,5-8GM65-E2-FE-V3

**Features**

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

**Connection**



**Pinout**



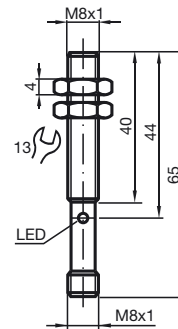
Wire colors in accordance with EN 60947-5-2

- |   |  |    |         |
|---|--|----|---------|
| 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		PNP	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 $r_{S137}$		1	

**Nominal ratings**

Operating voltage	$U_B$	10 ... 30 V DC
Switching frequency	$f$	80 Hz
Hysteresis	$H$	3 ... 15 typ. 5 %
Reverse polarity protection		yes
Short-circuit protection		yes
Voltage drop	$U_d$	$\leq 2$ V
Operating current	$I_L$	$\leq 100$ mA
Current consumption		$\leq 15$ mA
Off-state current	$I_r$	$\leq 10$ $\mu$ 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 $\leq 36$ V do not bear a CCC marking because they do not require approval.

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