



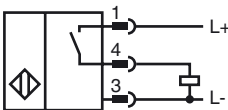
**Model Number**

NMB1,5-8GM50-E2-FE-V1

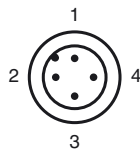
**Features**

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

**Connection**



**Pinout**



Wire colors in accordance with EN 60947-5-2

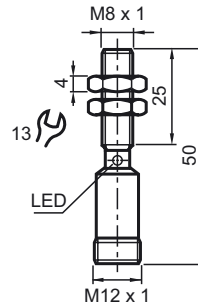
1	BN	(brown)
2	WH	(white)
3	BU	(blue)
4	BK	(black)

**Accessories**

**V1-G-2M-PUR**  
Cable socket, M12, 4-pin, PUR cable

**V1-W-2M-PUR**  
Cable socket, M12, 4-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 $r_{304}$		0.4 - 0.7	
Reduction factor $r_{S137}$		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	$U_d$	$\leq 2$ 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 M12 x 1 , 4-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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