



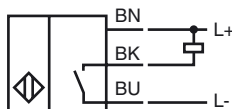
### Model Number

NMB1,5-8GM50-E0-FE

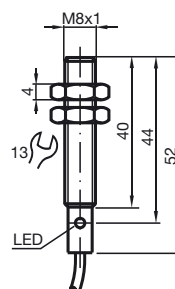
### Features

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

### Connection



### 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 $r_{S137}$		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	cable PUR , 2 m
Core cross-section	0.14 mm <sup>2</sup>
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.