



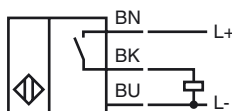
Model Number

NMB1,5-8GM50-E2-FE

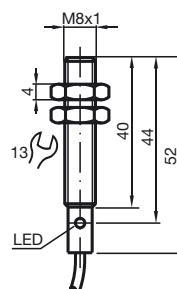
Features

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

Connection



Dimensions



Technical Data

General specifications

Switching element function		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	≤ 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		cable PUR , 2 m
Core cross-section		0.14 mm ²
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.