



Model Number

NMB1,5-8GM35-E2-C-FE-150MM-V3

Features

- **Stainless steel sensing face**
- **1.5 mm flush**
- **3-wire DC**
- **Weld field immune**
- **Weld slag resistant coating**
- **Ferrous targets**

Accessories

EXG-08

Quick mounting bracket with dead stop

V3-GM-2M-PUR

Cable socket, M8, 3-pin, PUR cable

Technical Data

General specifications

Switching element function		PNP	NO
Rated operating distance	s_n	1.5 mm	
Installation		flush in mild steel	
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_{S37}		1	
Reduction factor r_{Brass}		0	

Nominal ratings

Operating voltage	U_B	10 ... 30 V DC	
Switching frequency	f	0 ... 5 Hz	
Hysteresis	H	5 ... 15 typ. 10 %	
Reverse polarity protection		reverse polarity protected	
Short-circuit protection		pulsing	
Voltage drop	U_d	≤ 2 V	
Operating current	I_L	0 ... 100 mA	
Current consumption		≤ 10 mA	
Off-state current	I_r	≤ 10 μ A	
Switching state indicator		LED, red	
Mag. Field strength, AC fields		250 mT	
Mag. Field strength, DC fields		250 mT	

Ambient conditions

Ambient temperature		-25 ... 75 °C (-13 ... 167 °F)
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Mechanical specifications

Connection type		Cable connector M8 x 1, 3-pin with PVC Cable, 150 mm
Core cross-section		0.14 mm ²
Housing material		Xylan coated - Stainless steel 1.4305 / AISI 303
Sensing face		Xylan coated - Stainless steel 1.4305 / AISI 303
Degree of protection		IP67

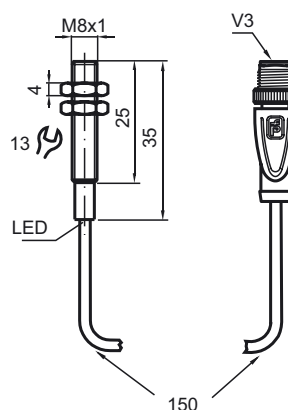
Compliance with standards and directives

Standard conformity		
Standards		EN 60947-5-2:2007 IEC 60947-5-2:2007

Approvals and certificates

UL approval		cULus Listed, General Purpose
CSA approval		cCSAus Listed, General Purpose
CCC approval		CCC approval / marking not required for products rated ≤ 36 V

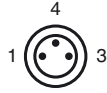
Dimensions



Electrical Connection



Pinout



Wire colors in accordance with EN 60947-5-2

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