



Model Number

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

Features

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

Accessories

V3-WM-2M-PUR

Cable socket, M8, 3-pin, PUR cable

Technical Data

General specifications

Switching function	Normally open (NO)
Output type	PNP
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_{S37}	1
Reduction factor r_{Brass}	0
Output type	3-wire

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 ≤ 2 V
Operating current	I_L ≤ 100 mA
Current consumption	≤ 10 mA
Off-state current	I_r ≤ 10 μ A

Indicators/operating means

Operation indicator	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 ... 75 °C (-13 ... 167 °F)
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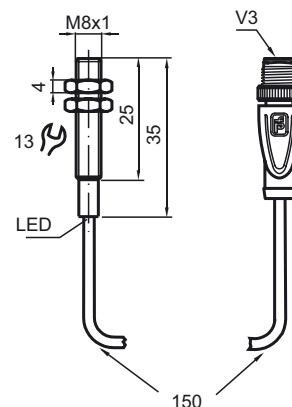
Mechanical specifications

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

Approvals and certificates

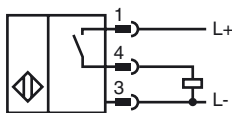
UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose
CCC approval	CCC approval / marking not required for products rated ≤ 36 V

Dimensions





Electrical Connection



Pinout



Wire colors in accordance with EN 60947-5-2

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