



Model Number

NMB1,5-8GM35-E0-FE

Features

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

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}		0.4 - 0.7	
Reduction factor r_{S37}		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	≤ 2 V	
Operating current	I_L	≤ 100 mA	
Current consumption		≤ 15 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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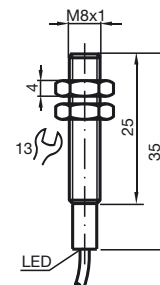
Mechanical specifications

Connection type	cable 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
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

