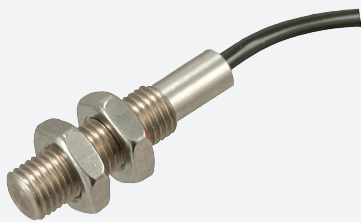


Inductive sensor

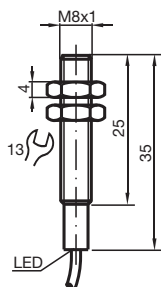
NMB1,5-8GM35-E2-FE



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



Dimensions



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_{S137}		1	
Reduction factor r_{Brass}		0	

Technical Data

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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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

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

Connection

