

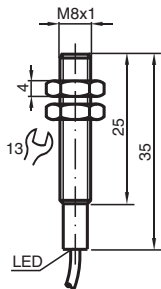
Inductive sensor NMB3-8GM35-E0



- 3 mm flush
- Stainless steel sensing face
- Increased operating distance



Dimensions



Technical Data

General specifications		
Switching function		Normally open (NO)
Output type		NPN
Rated operating distance	s_n	3 mm
Installation		flush
Output polarity		DC
Assured operating distance	s_a	0 ... 2.43 mm
Reduction factor r_{Al}		0.3
Reduction factor r_{Cu}		0.2
Reduction factor r_{304}		0.7
Output type		3-wire
Nominal ratings		
Operating voltage	U_B	10 ... 30 V DC
Switching frequency	f	0 ... 360 Hz
Hysteresis	H	5 ... 15 typ. 10 %
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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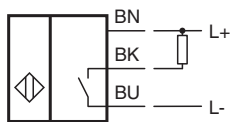
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PEPPERL+FUCHS

Technical Data

Voltage drop	U _d	≤ 2 V
Operating current	I _L	0 ... 100 mA
Off-state current	I _r	0 ... 10 µA typ. 0.1 µA at 25 °C
No-load supply current	I ₀	≤ 10 mA
Switching state indicator	LED, red	
Indicators/operating means		
Operation indicator	LED red	
Compliance with standards and directives		
Standard conformity		
Standards		EN IEC 60947-5-2
Approvals and certificates		
UL approval		cULus 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)	
Mechanical specifications		
Connection type	cable PUR , 2 m	
Core cross section		0.14 mm²
Housing material	Stainless steel 1.4305 / AISI 303	
Sensing face		Stainless steel 1.4305 / AISI 303
Degree of protection	IP67	
Cable		
Cable diameter	3 mm - 0.2 mm	
Bending radius		> 12 x cable diameter
Dimensions		
Length		35 mm
Diameter	8 mm	

Connection



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