

Magnetic field sensor

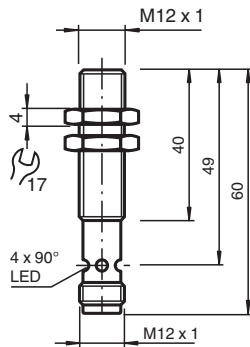
MMB60-12GH50-E2-V1



- Stainless steel sensing face
- 3-wire DC



Dimensions



Technical Data

General specifications

Switching function	Normally open (NO)	
Output type		PNP
Rated operating distance	s_n	60 mm
Installation		flush
Output polarity		DC
Actuating element		magnetic
Output type		3-wire

Nominal ratings

Operating voltage	U_B	10 ... 30 V DC
Switching frequency	f	5000 Hz
Hysteresis	H	1 ... 10 %
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 2.5 V DC
Operating current	I_L	≤ 200 mA
Current consumption		< 10 mA

Indicators/operating means

Operation indicator		4-way LED Yellow: output
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Compliance with standards and directives

Release date: 2024-10-17 Date of issue: 2024-10-17 Filename: 278605_eng.pdf

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

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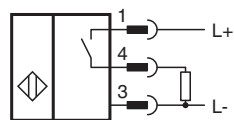
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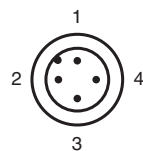
Technical Data

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	Connector plug	
Housing material	stainless steel V4A	
Sensing face	stainless steel V4A	
Degree of protection	IP65 / IP67 /	
Connector		
Threading	M12 x 1	
Number of pins	4	
Dimensions		
Length	60 mm	
Diameter	12 mm	

Connection



Connection Assignment



Wire colors in accordance with EN 60947-5-2

1	BN	(brown)
2	WH	(white)
3	BU	(blue)
4	BK	(black)

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