

Magnetic field sensor

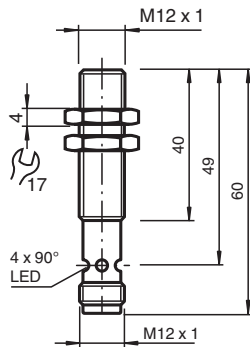
MMB60-12GH50-E2-V1



- 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".

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

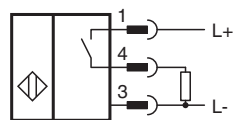
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

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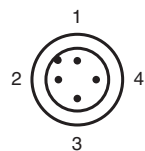
Technical Data

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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