



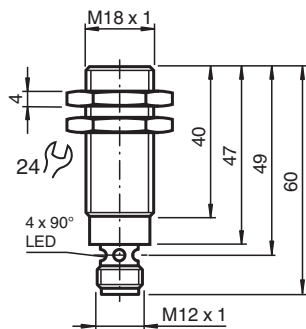
Magnetic field sensor

MMB70-18GH50-E2-V1

- Stainless steel sensing face
- 3-wire DC



Dimensions



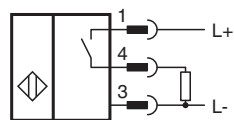
Technical Data

General specifications		
Switching function		Normally open (NO)
Output type		PNP
Rated operating distance	S _n	70 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
Compliance with standards and directives		

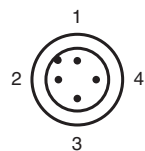
Technical Data

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	18 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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