

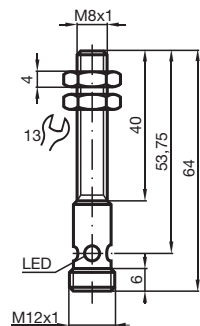
Inductive sensor

NCB1,5-8GM40-N0-V1-Y97264

- Comfort series
- 1.5 mm flush



Dimensions



Technical Data

General specifications		
Switching function		Normally closed (NC)
Output type		NAMUR
Rated operating distance	s _n	1.5 mm
Installation		flush
Assured operating distance	s _a	0 ... 1.215 mm
Actual operating distance	s _r	1.35 ... 1.65 mm typ.
Reduction factor r _{Al}		0.22
Reduction factor r _{Cu}		0.19
Reduction factor r ₃₀₄		0.65
Output type		2-wire
Nominal ratings		
Nominal voltage	U _o	8 V
Switching frequency	f	0 ... 5000 Hz
Hysteresis	H	1 ... 10 typ. 3 %
Reverse polarity protection		reverse polarity protected
Short-circuit protection		yes
Current consumption		
Measuring plate not detected		min. 3 mA

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

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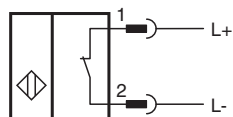
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PEPPERL+FUCHS

Technical Data

Measuring plate detected	≤ 1 mA
Switching state indicator	Multihole-LED, yellow
Compliance with standards and directives	
Standard conformity	
NAMUR	EN 60947-5-6:2000 IEC 60947-5-6:1999
Electromagnetic compatibility	NE 21:2007
Standards	EN 60947-5-2:2007 EN 60947-5-2/A1:2012 IEC 60947-5-2:2007 IEC 60947-5-2 AMD 1:2012
Approvals and certificates	
UL approval	
Ordinary Location	E87056
Hazardous Location	E501628
Control drawing	116-0452
CSA approval	cCSAus Listed, General Purpose
Ambient conditions	
Ambient temperature	-25 ... 100 °C (-13 ... 212 °F)
Storage temperature	-40 ... 100 °C (-40 ... 212 °F)
Mechanical specifications	
Connection type	Connector plug M12 x 1 , 4-pin
Housing material	brass, nickel-plated
Sensing face	PBT
Degree of protection	IP67
General information	
Use in the hazardous area	see instruction manuals

Connection



Wire colors in accordance with EN 60947-5-6

1	BN	(brown)
2	BU	(blue)

Accessories

	EXG-08	Quick mounting bracket with dead stop
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