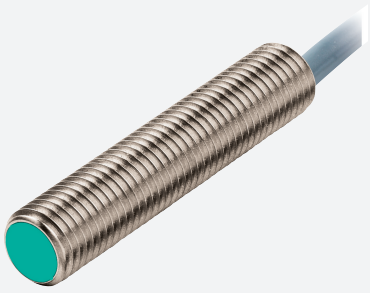


# Inductive sensor

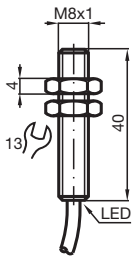
## NCB1,5-8GM40-Z0-10M-Y314871



- 1.5 mm flush
- 2-wire DC



### Dimensions



### Technical Data

#### General specifications

Switching function		Normally open (NO)
Output type		Two-wire
Rated operating distance	$s_n$	1.5 mm
Installation		flush
Output polarity		DC
Assured operating distance	$s_a$	0 ... 1.21 mm
Actual operating distance	$s_r$	1.35 ... 1.65 mm typ.
Reduction factor $r_{Al}$		0.22
Reduction factor $r_{Cu}$		0.16
Reduction factor $r_{304}$		0.64
Output type		2-wire

#### Nominal ratings

Operating voltage	$U_B$	5 ... 60 V
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Release date: 2022-06-30 Date of issue: 2022-06-30 Filename: 314871\_eng.pdf

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

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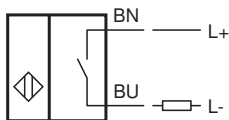
Singapore: +65 6779 9091  
fa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS

## Technical Data

Switching frequency	f	0 ... 1200 Hz
Hysteresis	H	1 ... 10 typ. 5 %
Reverse polarity protection		reverse polarity tolerant
Short-circuit protection		pulsing
Voltage drop	$U_d$	$\leq 5$ V
Operating current	$I_L$	2 ... 100 mA
Lowest operating current	$I_m$	2 mA
Off-state current	$I_r$	0 ... 0.5 mA typ.
Switching state indicator		LED, yellow
<b>Compliance with standards and directives</b>		
Standard conformity		
Standards		EN 60947-5-2:2007 EN 60947-5-2/A1:2012 IEC 60947-5-2:2007 IEC 60947-5-2 AMD 1:2012
<b>Ambient conditions</b>		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
<b>Mechanical specifications</b>		
Connection type		cablE PUR , 10 m
Core cross section		0.14 mm <sup>2</sup>
Housing material		Stainless steel 1.4305 / AISI 303
Sensing face		LCP
Degree of protection		IP67
<b>General information</b>		
Scope of delivery		wire end ferrule enclosed

## Connection



## Accessories

	<b>BF 8</b>	Mounting flange, 8 mm
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