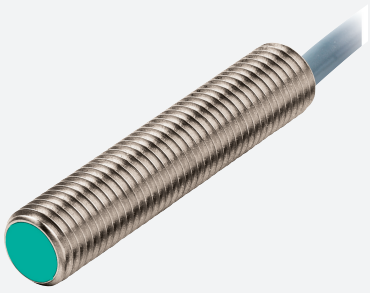


Inductive sensor

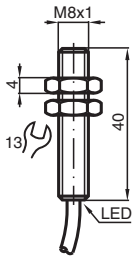
NCB1,5-8GM40-Z0-10M-Y314871



- 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
Switching frequency	f	0 ... 1200 Hz
Hysteresis	H	1 ... 10 % typ. 5 %
Reverse polarity protection		reverse polarity tolerant

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Technical Data

Short-circuit protection		pulsing
Voltage drop	U_d	≤ 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
Compliance with standards and directives		
Standard conformity		
Standards		EN IEC 60947-5-2
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		cable
Housing material		Stainless steel 1.4305 / AISI 303
Sensing face		LCP
Degree of protection		IP67
Cable		
Wire end ferrules		yes
Cable diameter		2.8 mm \pm 0.1 mm
Bending radius		> 10 x cable diameter
Material		PUR
Color		black
Number of cores		2
Core cross section		0.14 mm ²
Length	L	10 m
Dimensions		
Length		40 mm
Diameter		8 mm
General information		
Scope of delivery		wire end ferrule enclosed

Connection

