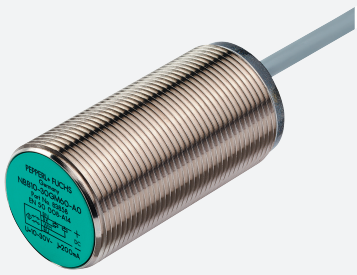


Inductive sensor

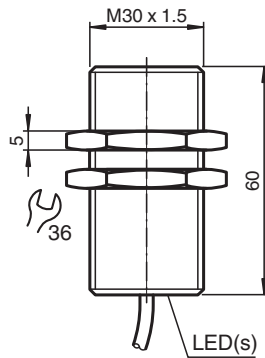
NEB22-30GM60-E2



- 22 mm quasi flush
- Increased operating distance



Dimensions



Technical Data

General specifications		
Switching function		Normally open (NO)
Output type		PNP
Rated operating distance	s_n	22 mm
Installation		quasi flush
Output polarity		DC
Assured operating distance	s_a	0 ... 17.8 mm
Reduction factor r_{AI}		0.25
Reduction factor r_{Cu}		0.22
Reduction factor r_{304}		0.65
Output type		3-wire
Nominal ratings		
Installation conditions		
A		6 mm
B		37 mm
C		66 mm
F		80 mm

Release date: 2024-05-28 Date of issue: 2024-06-06 Filename: 231570_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

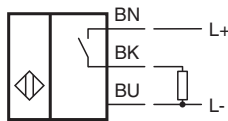
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS

Technical Data

Operating voltage	U_B	10 ... 30 V
Switching frequency	f	0 ... 150 Hz
Hysteresis	H	$\leq 10 \%$
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing
Voltage drop	U_d	$\leq 5 \text{ V}$
Operating current	I_L	0 ... 200 mA
Off-state current	I_r	$\leq 0.1 \text{ mA}$
No-load supply current	I_0	$\leq 10 \text{ mA}$
Switching state indicator		LED, yellow
Functional safety related parameters		
MTTF _d		213 a
Mission Time (T _M)		20 a
Diagnostic Coverage (DC)		0 %
Compliance with standards and directives		
Standard conformity		
Standards		EN IEC 60947-5-2
Approvals and certificates		
CCC approval		CCC approval / marking not required for products rated $\leq 36 \text{ V}$
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		cablE PVC , 2 m
Core cross section		0.34 mm ²
Housing material		chromium plated brass
Sensing face		PBT
Degree of protection		IP67
Dimensions		
Length		60 mm
Diameter		30 mm

Connection



Installation

