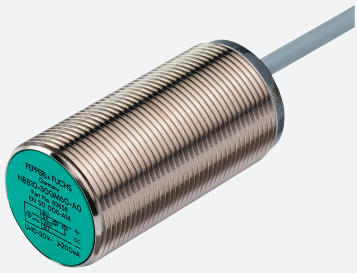


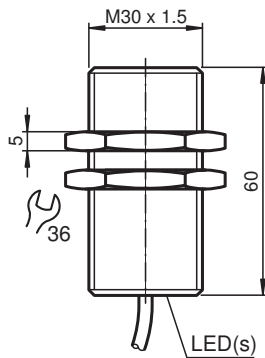
Inductive sensor NEB22-30GM60-E0



- 22 mm quasi flush
- Increased operating distance



Dimensions



Technical Data

General specifications

Switching function		Normally open (NO)
Output type		NPN
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_{Al}		0.25
Reduction factor r_{Cu}		0.22
Reduction factor r_{304}		0.65

Nominal ratings

Installation conditions		
A		6 mm
B		37 mm
C		66 mm
F		80 mm

Release date: 2020-03-23 Date of issue: 2020-03-30 Filename: 231571_eng.pdf

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

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 **PEPPERL+FUCHS**

Technical Data

Operating voltage	U_B	10 ... 30 V
Switching frequency	f	0 ... 150 Hz
Hysteresis	H	≤ 10 %
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 5 V
Operating current	I_L	0 ... 200 mA
Off-state current	I_r	≤ 0.1 mA
No-load supply current	I_0	≤ 10 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 60947-5-2:2007 IEC 60947-5-2:2007

Approvals and certificates

CCC approval	CCC approval / marking not required for products rated ≤36 V
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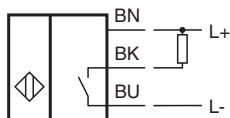
Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
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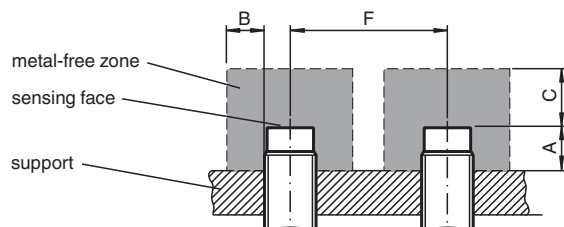
Mechanical specifications

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

Connection



Installation



Accessories

	BF 30	Mounting flange, 30 mm
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