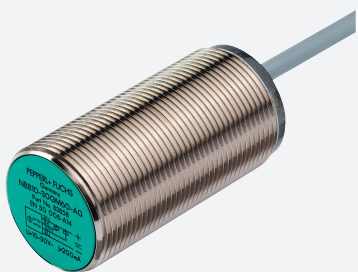


Inductive sensor

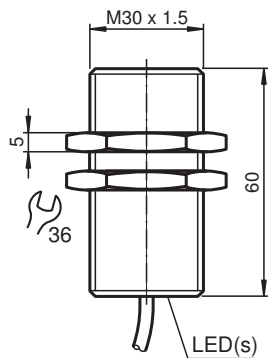
NEB22-30GM60-E0



- 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

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

Pepperl+Fuchs Group USA: +1 330 486 0001 Germany: +49 621 776 1111 Singapore: +65 6779 9091
www.pepperl-fuchs.com fa-info@us.pepperl-fuchs.com fa-info@de.pepperl-fuchs.com fa-info@sg.pepperl-fuchs.com



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
--------------	--

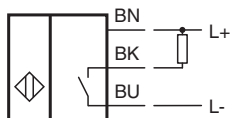
Ambient conditions

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

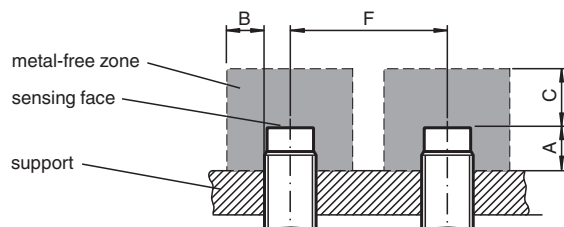
Mechanical specifications

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

Connection



Installation



Accessories

	BF 30	Mounting flange, 30 mm
---	--------------	------------------------