

CE

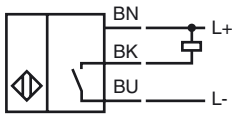
Model Number

NEB22-30GM60-E0

Features

- **22 mm quasi-embeddable**
- **Increased operating distance**

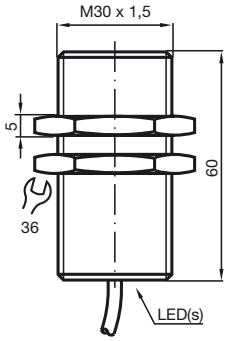
Connection



Accessories

BF 30
Mounting flange, 30 mm

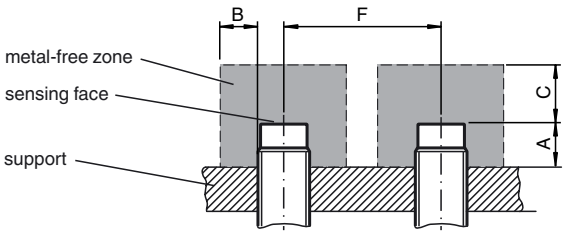
Dimensions



Technical Data

General specifications		
Switching element function		NPN NO
Rated operating distance	s_n	22 mm
Installation		quasi embedd.
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_{303}		0.65
Nominal ratings		
Installation conditions		
A		6 mm
B		37 mm
C		66 mm
F		80 mm
Operating voltage	U_B	10 ... 30 V
Switching frequency	f	0 ... 150 Hz
Hysteresis	H	≤ 10 %
Reverse polarity protected		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
Indication of the switching state		LED, yellow
Functional safety related parameters		
$MTTF_d$		213 a
Mission Time (T_M)		20 a
Diagnostic Coverage (DC)		0 %
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
Protection degree		IP67
Compliance with standards and directives		
Standard conformity		
Standards		EN 60947-5-2:2007 IEC 60947-5-2:2007
Approvals and certificates		
CCC approval		Products with a maximum operating voltage of ≤36 V do not bear a CCC marking because they do not require approval.

Installation conditions



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