

Inductive sensor

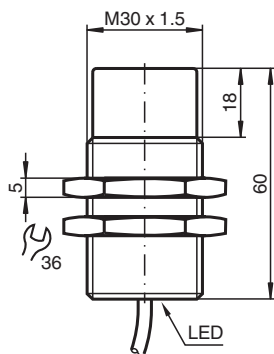
NCN15-30GM60-Z0-Y245667



- 2-wire sensor
- Stainless steel housing



Dimensions



Technical Data

General specifications		
Switching function		Normally open (NO)
Output type		Two-wire
Rated operating distance	s _n	15 mm
Installation		non-flush
Output polarity		DC
Assured operating distance	s _a	0 ... 12.2 mm
Actual operating distance	s _r	13.5 ... 16.5 mm typ.
Reduction factor r _{Al}		0.38
Reduction factor r _{Cu}		0.35
Reduction factor r ₃₀₄		0.68
Nominal ratings		
Operating voltage	U _B	10 ... 30 V
Switching frequency	f	0 ... 100 Hz
Hysteresis	H	1 ... 10 typ. 5 %
Reverse polarity protection		reverse polarity tolerant

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

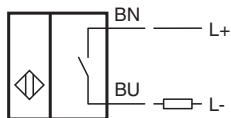
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Technical Data

Short-circuit protection		pulsing
Voltage drop	U_d	$\leq 5 \text{ V}$
Operating current	I_L	2 ... 100 mA
Lowest operating current	I_m	2 mA
Off-state current	I_r	0 ... 0.5 mA typ.
Time delay before availability	t_v	$\leq$
Switching state indicator		all direction LED, yellow
Compliance with standards and directives		
Standard conformity		
Standards		EN 60947-5-2:2007 IEC 60947-5-2:2007
Approvals and certificates		
UL approval		cULus Listed, General Purpose
CSA approval		cCSAus Listed, General Purpose
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		cabl PUR , 15 m
Cable version		PA
Core cross-section		0.34 mm ²
Housing material		Stainless steel 1.4305 / AISI 303
Sensing face		PBT
Degree of protection		IP67

Connection



Accessories

**BF 30**

Mounting flange, 30 mm