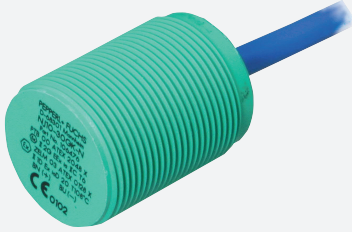


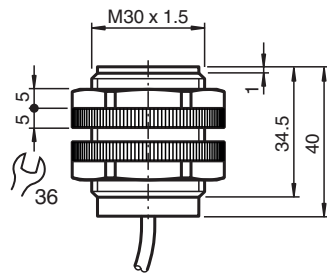
Inductive sensor NJ15-30GK-N-20M



- Comfort series
- 15 mm non-flush



Dimensions



Technical Data

General specifications

Switching function		Normally closed (NC)
Output type		NAMUR
Rated operating distance	S_n	15 mm
Installation		non-flush
Assured operating distance	S_a	0 ... 12.15 mm
Reduction factor r_{Al}		0.4
Reduction factor r_{Cu}		0.3
Reduction factor r_{304}		0.85
Output type		2-wire

Nominal ratings

Nominal voltage	U_o	8 V
Switching frequency	f	0 ... 100 Hz
Hysteresis	H	1 ... 5 typ. 3 %
Current consumption		
Measuring plate not detected		min. 3 mA

Release date: 2020-04-30 Date of issue: 2020-04-30 Filename: 904228_eng.pdf

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

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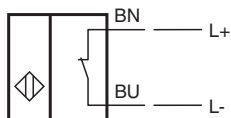
Singapore: +65 6779 9091
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PEPPERL+FUCHS

Technical Data

Measuring plate detected	≤ 1 mA
Functional safety related parameters	
MTTF _d	4560 a
Mission Time (T _M)	20 a
Diagnostic Coverage (DC)	0 %
Compliance with standards and directives	
Standard conformity	
NAMUR	EN 60947-5-6:2000 IEC 60947-5-6:1999
Standards	EN 60947-5-2:2007 EN 60947-5-2/A1:2012 IEC 60947-5-2:2007 IEC 60947-5-2 AMD 1:2012
Approvals and certificates	
EAC conformity	TR CU 012/2011
UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose
CCC approval	CCC approval / marking not required for products rated ≤36 V
Ambient conditions	
Ambient temperature	-25 ... 100 °C (-13 ... 212 °F)
Mechanical specifications	
Connection type	cabl PVC , 20 m
Core cross-section	0.75 mm ²
Housing material	PBT
Sensing face	PBT
Degree of protection	IP66 / IP68
Cable	
Bending radius	> 10 x cable diameter
General information	
Use in the hazardous area	see instruction manuals

Connection



Accessories

**BF 30**

Mounting flange, 30 mm