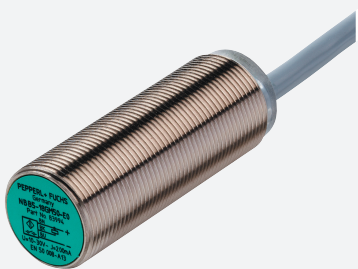


Inductive sensor

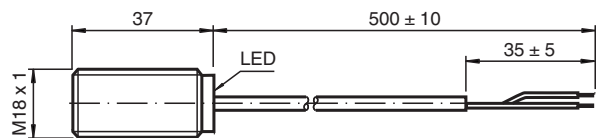
NJ5-18GM-N-Y125585



- Comfort series
- 5 mm flush



Dimensions



Technical Data

General specifications		
Switching function		Normally closed (NC)
Output type		NAMUR
Rated operating distance	s_n	5 mm
Installation		flush
Assured operating distance	s_a	0 ... 4.05 mm
Reduction factor r_{Al}		0.21
Reduction factor r_{Cu}		0.18
Reduction factor r_{304}		0.63
Output type		2-wire
Nominal ratings		
Nominal voltage	U_o	8 V
Switching frequency	f	0 ... 500 Hz
Hysteresis	H	0.1 ... 0.2 mm
Output signal		
Switching state OFF		Switch not actuated: $U_R < 1 V$

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

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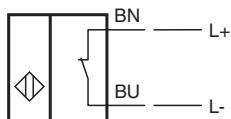
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PEPPERL+FUCHS

Technical Data

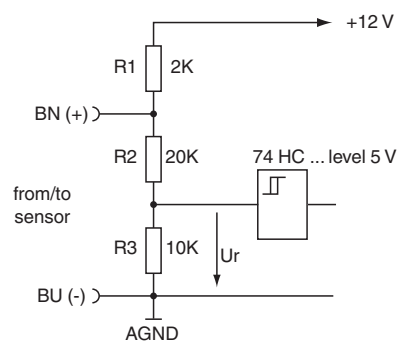
Switching state ON	Switch actuated: $U_R > 2.7 \text{ V}$
Switching state indicator	LED red switch actuated: LED off switch not actuated: LED on
Functional safety related parameters	
MTTF _d	3843 a
Mission Time (T _M)	20 a
Diagnostic Coverage (DC)	0 %
Approvals and certificates	
UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose
Ambient conditions	
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications	
Connection type	cable PVC , 500 mm
Core cross-section	2 x 0.34 mm ²
Housing material	brass, nickel-plated
Sensing face	PBT
Degree of protection	IP67

Connection



Mounting

possible sensor interface



Accessories

	EXG-18	Quick mounting bracket with dead stop
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Release date: 2020-03-23 Date of issue: 2020-03-30 Filename: 125585_eng.pdf