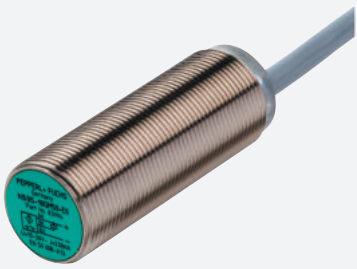


Inductive sensor

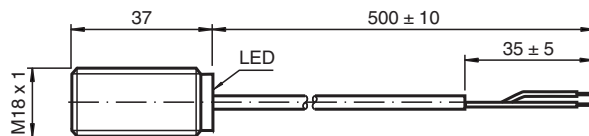
NJ5-18GM-N-Y125585



- 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
Switching state ON		Switch actuated: U _R > 2.7 V

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

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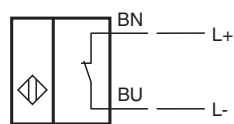
Singapore: +65 6779 9091
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PEPPERL+FUCHS

Technical Data

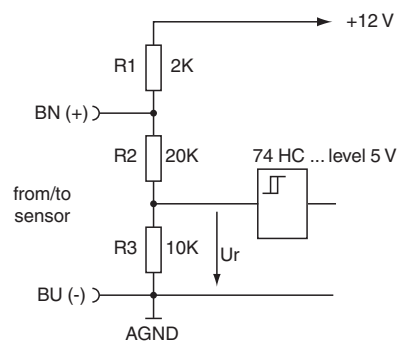
Switching state indicator		LED red switch actuated: LED off switch not actuated: LED on
Functional safety related parameters		
MTTF _d		3843 a
Mission Time (T _M)		20 a
Diagnostic Coverage (DC)		0 %
Approvals and certificates		
UL approval		cULus Listed, General Purpose
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		cable PVC , 500 mm
Core cross section		2 x 0.34 mm²
Housing material		brass, nickel-plated
Sensing face		PBT
Degree of protection		IP67

Connection



Mounting

possible sensor interface



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