

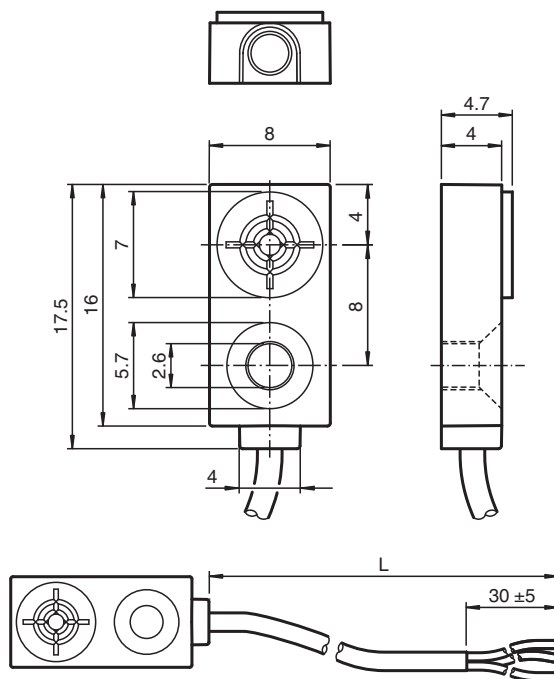
Inductive sensor NBB1,5-F79-E3-0,5M



- 1.5 mm flush
- 3-wire DC



Dimensions



Technical Data

General specifications

Switching function	Normally closed (NC)	
Output type		PNP
Rated operating distance	s_n	1.5 mm
Installation		flush
Output polarity		DC
Assured operating distance	s_a	0 ... 1.215 mm
Reduction factor r_{Al}		0.3
Reduction factor r_{Cu}		0.2
Reduction factor r_{304}		0.7

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

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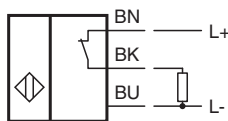
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PEPPERL+FUCHS

Technical Data

Output type		3-wire
Nominal ratings		
Operating voltage	U _B	5 ... 30 V DC
Switching frequency	f	0 ... 1200 Hz
Hysteresis	H	typ. 5 %
Short-circuit protection		pulsing
Voltage drop	U _d	≤ 1.5 V
Operating current	I _L	0 ... 100 mA
Off-state current	I _r	≤ 10 µA
No-load supply current	I ₀	≤ 15 mA
Time delay before availability	t _v	≤ 20 ms
Functional safety related parameters		
MTTF _d		3910 a
Mission Time (T _M)		20 a
Diagnostic Coverage (DC)		0 %
Compliance with standards and directives		
Standard conformity		
Standards		EN IEC 60947-5-2
Approvals and certificates		
CCC approval		CCC approval / marking not required for products rated ≤36 V
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		cablE PVC , L = 500 mm
Core cross section		3 x 0.09 mm²
Housing material		PA
Sensing face		PA
Degree of protection		IP67
Dimensions		
Height		4.7 mm
Width		8 mm
Length		16 mm

Connection Assignment



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