

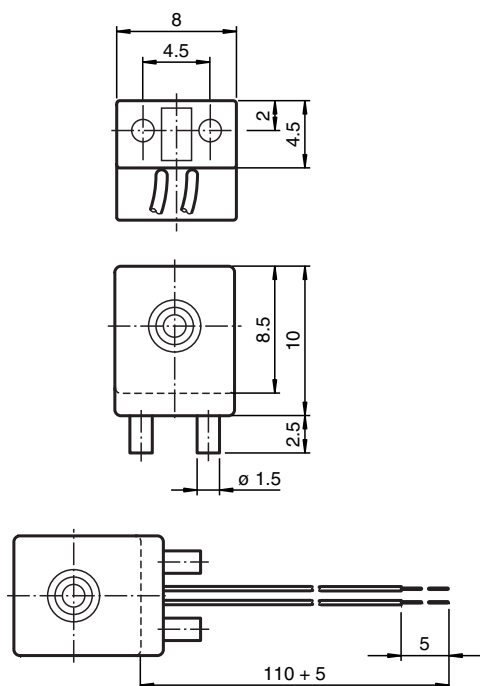
Inductive sensor

NJ1,5-F-N-Y217733

- Comfort series
- 1.5 mm non-flush



Dimensions



Technical Data

General specifications

Switching function	Normally closed (NC)	
Output type	NAMUR	
Rated operating distance	s_n	1.5 mm
Installation	non-flush	
Assured operating distance	s_a	0 ... 1.22 mm
Reduction factor r_{Al}	0.4	
Reduction factor r_{Cu}	0.3	
Reduction factor r_{304}	0.85	

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

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 **PEPPERL+FUCHS**

Technical Data

Output type	2-wire	
Nominal ratings		
Nominal voltage	U _o	8 V
Switching frequency	f	0 ... 5000 Hz
Hysteresis	H	typ. %
Current consumption		
Measuring plate not detected		min. 3 mA
Measuring plate detected		≤ 1 mA
Compliance with standards and directives		
Standard conformity		
NAMUR		EN 60947-5-6:2000 IEC 60947-5-6:1999
Standards		EN 60947-5-2:2007 IEC 60947-5-2:2007
Approvals and certificates		
FM approval		FM Class I, Div.1
UL approval		cULus Listed, General Purpose
CSA approval		cCSAus Listed, General Purpose
Ambient conditions		
Ambient temperature		-25 ... 100 °C (-13 ... 212 °F)
Mechanical specifications		
Connection type		flexible leads LIFYW , 110 mm
Core cross-section		0.06 mm ²
Housing material		PBT
Sensing face		PBT
Degree of protection		IP68
General information		
Use in the hazardous area		see instruction manuals

Connection

