

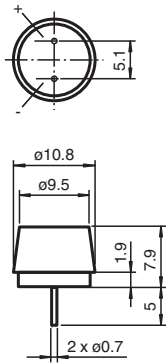


Inductive sensor NBN5-11K8-N-V8

■ 5 mm non-flush



Dimensions



Technical Data

General specifications		
Switching function		Normally closed (NC)
Output type		NAMUR
Rated operating distance	s_n	5 mm
Installation		non-flush
Assured operating distance	s_a	0 ... 4.05 mm
Output type		2-wire
Nominal ratings		
Operating voltage	U_B	5 ... 15 V
Switching frequency	f	0 ... 2000 Hz
Hysteresis	H	0.05 ... 0.75 mm
Current consumption		
Measuring plate not detected		min. 2.7 mA
Measuring plate detected		≤ 1.8 mA
Functional safety related parameters		
MTTF _d		8162 a
Mission Time (T_M)		20 a

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

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PEPPERL+FUCHS

Technical Data

Diagnostic Coverage (DC)		0 %
Approvals and certificates		
UL approval		cULus Listed, General Purpose
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		Solder connection
Housing material		PA
Degree of protection		IP67
Dimensions		
Length		6.5 mm
Diameter		10 mm

Connection

