

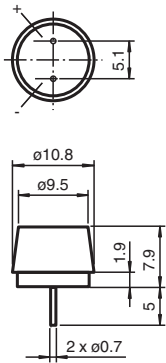


## Inductive sensor NBN5-11K8-N-V8

- 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 <sub>d</sub>		8162 a
Mission Time (T <sub>M</sub> )		20 a

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## Technical Data

Diagnostic Coverage (DC)	0 %
<b>Approvals and certificates</b>	
UL approval	cULus Listed, General Purpose
CCC approval	CCC approval / marking not required for products rated ≤36 V
<b>Ambient conditions</b>	
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
<b>Mechanical specifications</b>	
Connection type	Solder connection
Housing material	PA
Degree of protection	IP67
<b>Dimensions</b>	
Length	6.5 mm
Diameter	10 mm

## Connection

