



Model Number

NBN5-11K8-N-V8

Features

- 5 mm non-flush

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
Current consumption		
Measuring plate not detected		≥ 2.7 mA
Measuring plate detected		≤ 1.8 mA

Functional safety related parameters

MTTF _d	8162 a
Mission Time (T _M)	20 a
Diagnostic Coverage (DC)	0 %

Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
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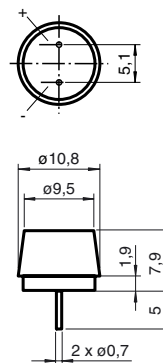
Mechanical specifications

Connection type	Solder connection
Housing material	PA
Degree of protection	IP67

Approvals and certificates

UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose
CCC approval	CCC approval / marking not required for products rated ≤ 36 V

Dimensions



Electrical Connection

