



Model Number

921LC5

Features

- Basic series
- 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
Reduction factor r_{Al}	0.25
Reduction factor r_{Cu}	0.2
Reduction factor r_{304}	0.6
Output type	2-wire

Nominal ratings

Nominal voltage	U_o	8.2 V
Operating voltage	U_B	5 ... 15 V
Switching frequency	f	0 ... 2000 Hz
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
Sensing face	PA
Degree of protection	IP67

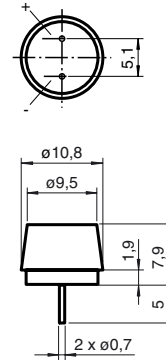
Compliance with standards and directives

Standard conformity	
NAMUR	EN 60947-5-6:2000
Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007

Approvals and certificates

CCC approval	CCC approval / marking not required for products rated ≤ 36 V
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Dimensions



Electrical Connection

