



Model Number

NJ5-18GM-N-Y07922

Features

- Comfort series
- 5 mm flush

Technical Data

General specifications

Switching element function		NAMUR, NC
Rated operating distance	s_n	5 mm
Installation		flush
Output polarity		NAMUR
Assured operating distance	s_a	0 ... 4.05 mm
Reduction factor r_{Al}		0.21
Reduction factor r_{Cu}		0.18
Reduction factor r_{304}		0.63

Nominal ratings

Nominal voltage	U_o	8 V
Switching frequency	f	0 ... 500 Hz
Current consumption		
Measuring plate not detected		≥ 3 mA
Measuring plate detected		≤ 1 mA

Standard conformity

EMC in accordance with	IEC / EN 60947-5-2:2004
Standards	DIN EN 60947-5-6 (NAMUR)

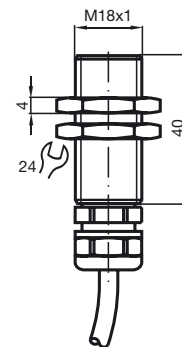
Ambient conditions

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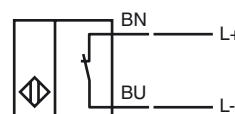
Mechanical specifications

Core cross-section	2 x 0.5 mm ²
Housing material	Stainless steel 1.4305 / AISI 303
Sensing face	PBT
Degree of protection	IP67

Dimensions



Electrical Connection



ATEX

Data for Ex areas

Effective internal inductivity	C_i	≤ 85 nF
Effective internal inductance	L_i	≤ 27 μ H

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