



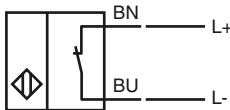
Model Number

NJ5-18GM-N-Y08838

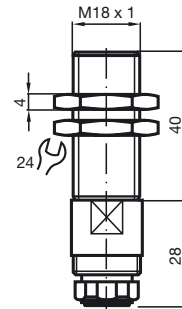
Features

- Comfort series
- 5 mm flush
- With "Euchner" connector SD4

Connection



Dimensions



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_{AI}		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
Hysteresis	H	typ. 5 %
Current consumption		
Measuring plate not detected		≥ 3 mA
Measuring plate detected		≤ 1 mA

Ambient conditions

Ambient temperature	-20 ... 80 °C (-4 ... 176 °F)
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Mechanical specifications

Connection type	Euchner pin connector SD 4K
Housing material	Stainless steel 1.4305 / AISI 303
Sensing face	PBT
Protection degree	IP67

Compliance with standards and directives

Standard conformity	
NAMUR	EN 60947-5-6:2000 IEC 60947-5-6:1999
Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007

Approvals and certificates

UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose