



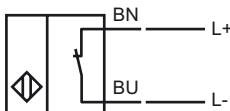
Model Number

NJ0,2-10GM-N-Y199308

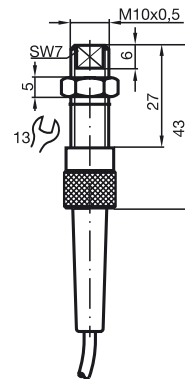
Features

- Sensor with dead stop
- 0.2 mm embeddable

Connection



Dimensions



Technical Data

General specifications

Switching element function		NAMUR, NC
Rated operating distance	s_n	0.2 mm
Installation		embeddable
Output polarity		NAMUR
Assured operating distance	s_a	0 ... 0.2 mm
Reduction factor r_{Al}		0.4
Reduction factor r_{Cu}		0.3
Reduction factor r_{V2A}		0.85

Nominal ratings

Nominal voltage	U_o	8 V
Operating voltage	U_B	5 ... 25 V
Switching frequency	f	0 ... 100 Hz
Hysteresis	H	typ. %
Current consumption		
Measuring plate not detected		≥ 3 mA
Measuring plate detected		≤ 1 mA

Ambient conditions

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

Axial load, max.	F	0 ... 1200 N
Connection type		5 m PVC cable (suitable for drag chain)
Core cross-section		0.34 mm ²
Housing material		Special steel
Protection degree		IP67

Compliance with standards and directives

Standard conformity

NAMUR	EN 60947-5-6:2000 IEC 60947-5-6:1999
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Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007
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Approvals and certificates

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

ATEX

Data for Ex areas

Effective internal inductivity	C _i	≤ 20 nF
Effective internal inductance	L _i	≤ 50 μH

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