

Inductive sensor

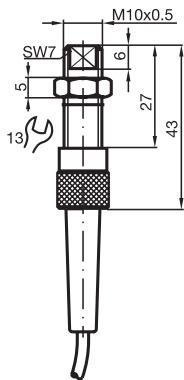
NJ0,2-10GM-N-Y199308



- 0.2 mm flush
- Sensor with dead stop



Dimensions



Technical Data

General specifications		
Switching function		Normally closed (NC)
Output type		NAMUR
Rated operating distance	s_n	0.2 mm
Installation		flush
Assured operating distance	s_a	0 ... 0.2 mm
Reduction factor r_{Al}		0.4
Reduction factor r_{Cu}		0.3
Reduction factor r_{304}		0.85
Output type		2-wire
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 at nominal voltage

Release date: 2024-05-27 Date of issue: 2024-05-27 Filename: 199308_eng.pdf

Technical Data

Measuring plate detected	≤ 1 mA at nominal voltage	
Compliance with standards and directives		
Standard conformity		
NAMUR		EN 60947-5-6:2000 IEC 60947-5-6:1999
Standards	EN IEC 60947-5-2	
Approvals and certificates		
UL approval	cULus Listed, General Purpose	
Ambient conditions		
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)	
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	stainless steel 1.4034 / AISI 420	
Degree of protection	IP67	
Dimensions		
Length	27 mm	
Diameter	10 mm	

Connection

