

# Inductive sensor

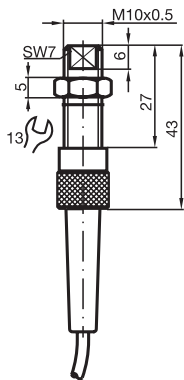
## NJ0,2-10GM-N-Y199308



- 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		$\geq 3$ mA at nominal voltage

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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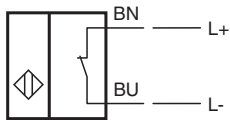
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**Technical Data**

Measuring plate detected	≤ 1 mA at nominal voltage	
<b>Compliance with standards and directives</b>		
Standard conformity		
NAMUR		EN 60947-5-6:2000 IEC 60947-5-6:1999
Standards	EN IEC 60947-5-2	
<b>Approvals and certificates</b>		
UL approval	cULus Listed, General Purpose	
<b>Ambient conditions</b>		
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)	
<b>Mechanical specifications</b>		
Axial load, max.	F	0 ... 1200 N
Connection type		5 m PVC cable (suitable for drag chain)
Core cross section	0.34 mm <sup>2</sup>	
Housing material	stainless steel 1.4034 / AISI 420	
Degree of protection	IP67	
Dimensions		
Length	27 mm	
Diameter	10 mm	

**Connection**



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