

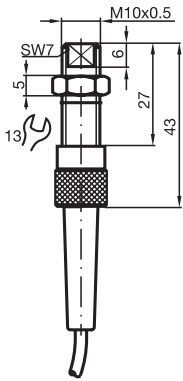
Inductive sensor

NJ0,2-10GM-N

- 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			min. 3 mA

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

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 PEPPERL+FUCHS

Technical Data

Measuring plate detected	≤ 1 mA	
Functional safety related parameters		
MTTF _d	11770 a	
Mission Time (T _M)	20 a	
Diagnostic Coverage (DC)	0 %	
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	
CCC approval	CCC approval / marking not required for products rated ≤36 V	
Ambient conditions		
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)	
Mechanical specifications		
Axial load, max.	F	0 ... 1200 N
Connection type	cable PVC , 2 m	
Core cross section	0.34 mm ²	
Housing material	Special steel	
Degree of protection	IP67	

Connection

