



Inductive sensor NJ1,5-8-N-Y18812

URL: <https://www.sxplc.com/inductive-sensor-nj1-5-8-n-y18812>

Product data sheet

Switching element function		NAMUR, NC
Rated operating distance	s_n	1.5 mm
Installation		flush
Assured operating distance	s_a	0 ... 1.2 mm
Reduction factor r_{Al}		0.4
Reduction factor r_{Cu}		0.3
Reduction factor r_{304}		0.85

Nominal ratings

Nominal voltage	U_o	8 V
Switching frequency	f	0 ... 2000 Hz
Hysteresis	H	typ. %
Current consumption		
Measuring plate not detected		≥ 2.5 mA
Measuring plate detected		≤ 1.2 mA

Standard conformity

EMC in accordance with	IEC / EN 60947-5-2:2004
Standards	DIN EN 60947-5-6 (NAMUR)

Ambient conditions

Ambient temperature	-25 ... 100 °C (-13 ... 212 °F)
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Mechanical specifications

Core cross-section	0.14 mm ²
Housing material	brass
Sensing face	PBT
Degree of protection	IP67

