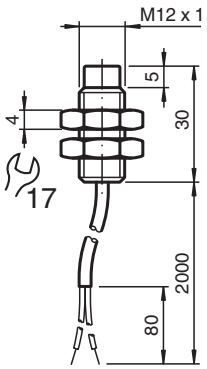


Inductive sensor

NJ4-12GM-Z11-2M-Y

- Comfort series

Dimensions



Technical Data

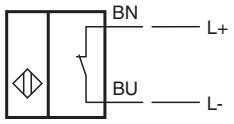
General specifications		
Switching function		Normally closed (NC)
Rated operating distance	s_n	4 mm
Installation		non-flush
Assured operating distance	s_a	0 ... 3.24 mm
Reduction factor r_{Al}		0.4
Reduction factor r_{Cu}		0.3
Reduction factor r_{304}		0.85
Output type		2-wire
Nominal ratings		
Nominal voltage	U_o	12 V
Switching frequency	f	0 ... 1500 Hz
Hysteresis	H	3 %
Current consumption		
Measuring plate not detected		≥ 3 mA
Measuring plate detected		≤ 1 mA
Compliance with standards and directives		
Standard conformity		
Standards		EN IEC 60947-5-2
Ambient conditions		

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Technical Data

Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		cable PVC , 2 m with wire end ferrule
Core cross section		0.34 mm²
Housing material		brass, nickel-plated
Sensing face		PBT
Degree of protection		IP67
Dimensions		
Length		30 mm
Diameter		12 mm

Connection



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