

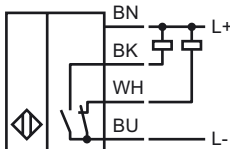
Model Number

NJ4-11-A-Y39955

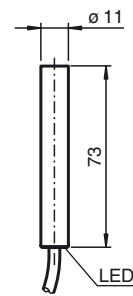
Features

- 4 mm not embeddable

Connection



Dimensions



Technical Data

General specifications

Switching element function		NPN	NO/NC
Rated operating distance	s_n	4 mm	
Installation		not embeddable	
Output polarity		DC	
Assured operating distance	s_a	0 ... 3.24 mm	
Reduction factor r_{Al}		0.4	
Reduction factor r_{Cu}		0.3	
Reduction factor r_{V2A}		0.85	

Nominal ratings

Operating voltage	U_B	10 ... 30 V
Switching frequency	f	0 ... 1000 Hz
Hysteresis	H	typ. 5%
Reverse polarity protected		reverse polarity protected
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 3 V
Operating current	I_L	0 ... 200 mA
Off-state current	I_r	0 ... 0.5 mA typ. 0.1 μ A at 25 °C
No-load supply current	I_0	≤ 20 mA
Indication of the switching state		LED, yellow

Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
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Mechanical specifications

Connection type	cable PVC , 2 m
Core cross-section	0.14 mm ²
Housing material	brass, nickel-plated
Sensing face	PBT
Protection degree	IP65

Compliance with standards and directives

Standard conformity	
Standards	EN 60947-5-2