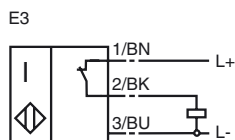




Model Number

NJ10-30GM50-E3-V

Connection



Technical Data

General specifications

Switching element function		PNP	NC
Rated operating distance	s_n	10 mm	
Installation		flush	
Output polarity		switched high	
Assured operating distance	s_a	0 ... 8.1 mm	
Reduction factor r_{Al}		0.32	
Reduction factor r_{Cu}		0.32	
Reduction factor r_{304}		0.72	
Reduction factor r_{Brass}		0.43	

Nominal ratings

Operating voltage	U_B	10 ... 60 V
Switching frequency	f	0 ... 650 Hz
Hysteresis	H	1 ... 15 typ. 5 %
Reverse polarity protected		reverse polarity protected
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 2.8 V
Operating current	I_L	0 ... 200 mA
Off-state current	I_r	0 ... 0.5 mA typ. 0.01 mA
No-load supply current	I_0	≤ 9 mA
Indication of the switching state		LED, yellow

Standard conformity

Standards	IEC / EN 60947-5-2:2004
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Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Storage temperature	-25 ... 85 °C (-13 ... 185 °F)

Mechanical specifications

Core cross-section	-
Housing material	Stainless steel
Sensing face	PBT
Protection degree	IP67