

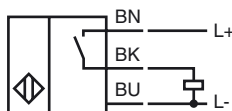
Model Number

NJ10-30GK50-E2

Features

- 10 mm flush

Connection



Accessories

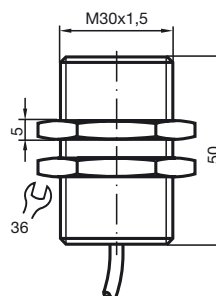
BF 30

Mounting flange, 30 mm

EXG-18

Quick mounting bracket with dead stop

Dimensions



Technical Data

General specifications

Switching element function		PNP	NO
Rated operating distance	s_n	10 mm	
Installation		flush	
Output polarity		DC	
Assured operating distance	s_a	0 ... 8.1 mm	
Reduction factor r_{Al}		0.22	
Reduction factor r_{Cu}		0.19	
Reduction factor r_{304}		0.66	
Reduction factor r_{Brass}		0.33	

Nominal ratings

Operating voltage	U_B	10 ... 60 V
Switching frequency	f	0 ... 800 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		-

Ambient conditions

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

Mechanical specifications

Connection type	cable PVC , 2 m
Core cross-section	0.75 mm ²
Housing material	PBT
Sensing face	PBT
Protection degree	IP68

Compliance with standards and directives

Standard conformity	
Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007

Approvals and certificates

UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose
CCC approval	Certified by China Compulsory Certification (CCC)