

CE

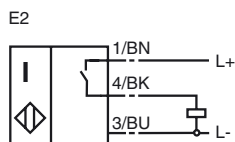
Model Number

NJ10-30GK-E2-Y11312

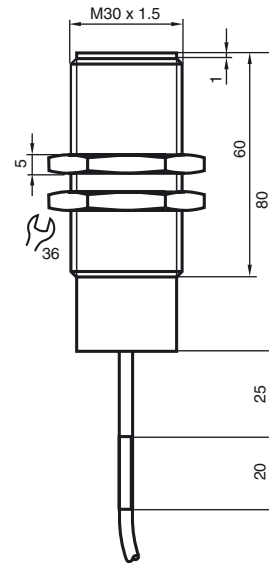
Features

- Basic series
- Stainless steel nuts
- With BF30

Connection



Dimensions



Technical Data

General specifications

Switching element function	PNP Make function
Rated operating distance	s_n 10 mm
Installation	embeddable
Output polarity	DC
Assured operating distance	s_a 0 ... 8.1 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 ... 300 Hz
Hysteresis	H	3 ... 15 typ. 5 %
Reverse polarity protection		protected against reverse polarity
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 2 V
Operating current	I_L	0 ... 200 mA
No-load supply current	I_0	≤ 20 mA
Indication of the switching state		no

Standard conformity

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

Ambient temperature	-40 ... 70 °C (233 ... 343 K)
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Mechanical specifications

Connection type	2 m, silicone cable
Core cross-section	0.75 mm ²
Housing material	PBT
Sensing face	PBT
Protection degree	IP67