



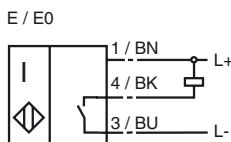
CE

Model Number

NJ10-30GM50-E

Features

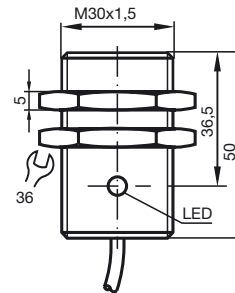
- Comfort series
- 10 mm embeddable

Connection**Accessories****BF 30**

Mounting flange

EXG-30

Mounting aid

Dimensions**Technical Data****General specifications**

Switching element function	NPN 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}	0.32
Reduction factor r_{Cu}	0.32
Reduction factor r_{V2A}	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 protection	protected against reverse polarity
Short-circuit protection	pulsing
Voltage drop	U_d \leq 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 \leq 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 (248 ... 343 K)
Storage temperature	-25 ... 85 °C (248 ... 358 K)

Mechanical specifications

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