



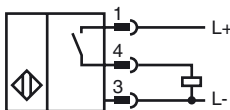
Model Number

NJ10-30GM50-E2-V

Features

- **Stainless steel housing**
- **Operating voltage range 10 V ... 60 V DC**

Connection



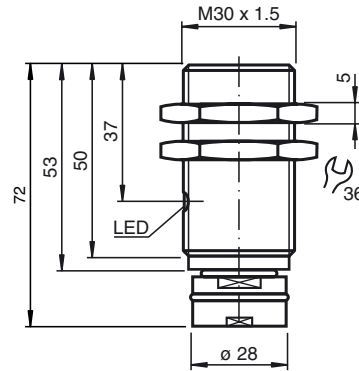
Accessories

BF 30
Mounting flange, 30 mm

EXG-30
Quick mounting bracket with dead stop

dash meaning "stop" with dead stop

Dimensions



Technical Data

General specifications		
Switching element function	PNP	NO

Switching element function		PNP	NO
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 _N = 10 – 60 V

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

Ambient conditions	
Ambient temperature	25–70 °C (77–158 °F)

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

Mechanical specifications	
Connection type	flange connector (radius 715 mm)

Connection type	flange connector series /15, 5 pin
Housing material	Stainless steel 1.4305 / AISI 303
Sensing face	PBT
Protection degree	IP67

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)