

Technical Data

*For detailed data and product description refer to the data sheets at **www.pepperl-fuchs.com***

General Data	
Rated operating distance	2 mm
Installation	flush
Switching element function	NAMUR, NC
Nominal voltage	8 V DC
Current consumption	
Measuring plate not detected	≥ 3 mA
Measuring plate detected	≤ 1 mA
Switching frequency	0 ... 3000 Hz
Suitable for 2:1 technology	✔, with reverse polarity protection diode
Ambient temperature	-40 ... 100 °C (-40 ... 212 °F)
Protection degree	IP68
Connection type	cable silicon , 2 m



Model Number		NJ2-11-SN	NJ2-11-SN-G
Housing material	Stainless steel 1.4305 / AISI 303		●
	PVDF	●	
Use in the Hazardous Area			
Use in the hazardous area	see instruction manuals	●	●
Category	1G; 2G; 1D	●	●
Approvals and Certificates			
FM control drawing	116-0165F	●	●
UL approval	cULus Listed, General Purpose	●	●
CSA approval	cCSAus Listed, General Purpose	●	●
CCC approval	Products with a maximum operating voltage of ≤36 V do not bear a CCC marking because they do not require approval.		
Dimensions			
Length L [mm]		31	30
Diameter D [mm]		11	14
Thread length l_t [mm]		0	30
Cap length l_1 [mm]		0	
Connector area l_c [mm]		0	
LED position		-	

Properties

- Ø11/14 mm housing
- 2 mm, flush mountable
- DC, NAMUR safety interface
- Cable version

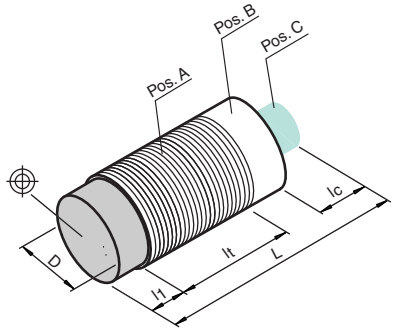
Your Benefit

- Usable up to SIL 3 acc. to IEC 61508
- Usable in hazardous area
- High protection degree (IP68)

Accessories

This and more accessories can be found in chapter 10
See pages from 974 ... for cordsets
See pages 1074 ... for mounting aids

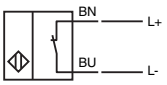
BF 11	Mounting flange, 11 mm



Electrical Connection



NJ2-11-SN
NJ2-11-SN-G



Date of issue 07/30/2012