

Technical Data

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

General Data	
Rated operating distance	6 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 ... 2000 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



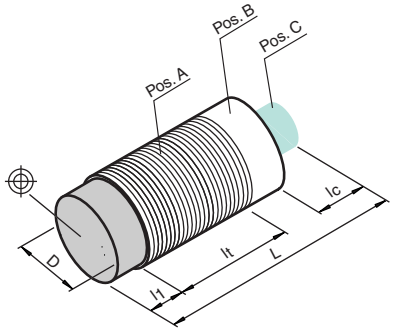
Model Number		NJ6-22-SN	NJ6-22-SN-G
Housing material	Stainless steel 1.4305 / AISI 303		●
	PBT	●	
Use in the Hazardous Area			
Use in the hazardous area	see instruction manuals	●	●
Category	1G; 2G; 1D	●	●
Approvals and Certificates			
FM control drawing	116-0165F	●	●
UL approval	cULus Listed, General 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]		35	
Diameter D [mm]		22	PG21
Thread length l_t [mm]		0	35
Cap length l_1 [mm]		0	
Connector area l_c [mm]		0	
LED position		-	

Properties

- Ø22 mm / PG21 housing
- 6 mm, flush mountable
- DC, NAMUR safety interface
- Cable version

Your Benefit

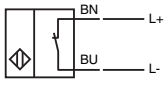
- Usable up to SIL 3 acc. to IEC 61508
- Usable in hazardous area
- High protection degree (IP68)



Electrical Connection



NJ6-22-SN
NJ6-22-SN-G



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Consider the General Notes on the Information in the Pepperl+Fuchs Product Catalogs
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