

Properties

- 2 mm slot width
- Extrardinary fast response
- DC, 2-wire NAMUR
- Flexible leads version

Your Benefit

- EX approval 1G/1D for use up to zone 0 / zone 20
- Applicable up to SIL3 acc. to IEC 61508

Technical Data

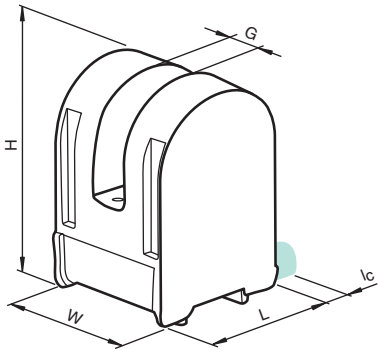
*For detailed data and product description refer to the data sheets at **www.pepperl-fuchs.com***

General Data	
Slot width	2 mm
Depth of immersion (lateral)	5 ... 7 typ. 6 mm
Type of voltage	DC
Nominal voltage	8 V
Switching frequency	0 ... 5000 Hz
Suitable for 2:1 technology	✔, with reverse polarity protection diode
Housing material	PBT
Protection degree	IP67
Connection type	flexible leads LIFYW , 500 mm



Model Number		SJ2-SN	SJ2-S1N
Switching element function	NAMUR, NO		●
	NAMUR, NC	●	
Current consumption			
Measuring plate not detected	≥ 3 mA	●	
	≤ 1 mA		●
Measuring plate detected	≥ 3 mA		●
	≤ 1 mA	●	
Ambient temperature	-25 ... 100 °C (-13 ... 212 °F)		●
	-40 ... 100 °C (-40 ... 212 °F)	●	
Use in the Hazardous Area			
Use in the hazardous area	see instruction manuals	●	●
Category	1G; 2G; 3G; 1D	●	●
Approvals and Certificates			
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.		

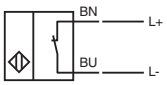
Dimensions	
Length L [mm]	15
Width W [mm]	8
Height H [mm]	12
Slot width G [mm]	2
Connector area l_c [mm]	0



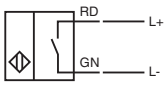
Electrical Connection



SJ2-SN



SJ2-S1N



Date of issue 07/30/2012