

Technical Data

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

General Data	
Slot width	3.5 mm
Depth of immersion (lateral)	5 ... 7 typ. 6 mm
Type of voltage	DC
Nominal voltage	8 V
Suitable for 2:1 technology	✔, with reverse polarity protection diode
Housing material	PBT
Protection degree	IP67
Connection type	flexible leads LIY , 500 mm



Model Number		SJ3,5-SN	SJ3,5-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	●	
Switching frequency	0 ... 2500 Hz		●
	0 ... 3000 Hz	●	
Ambient temperature	-25 ... 100 °C (-13 ... 212 °F)		●
	-50 ... 100 °C (-58 ... 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.		

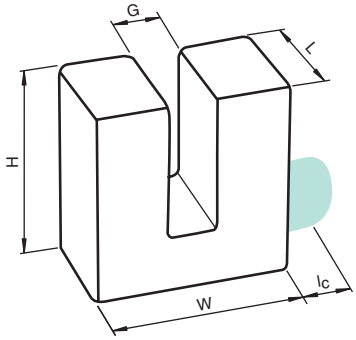
Dimensions	
Length L [mm]	10
Width W [mm]	19
Height H [mm]	15
Slot width G [mm]	3.5
Connector area l_c [mm]	0

Properties

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

Your Benefit

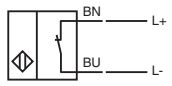
- EX approval 1G/1D for use up to zone 0 / zone 20
- Applicable up to SIL3 acc. to IEC 61508



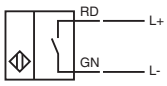
Electrical Connection



SJ3,5-SN



SJ3,5-S1N



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