

Properties

- 5 mm slot width
- Very fast response
- DC, 2-wire NAMUR
- Flexible leads and cable versions

Your Benefit

- Usable up to SIL 2 acc. to IEC 61508
- ATEX approval up to zone 0 / zone 20

Technical Data

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

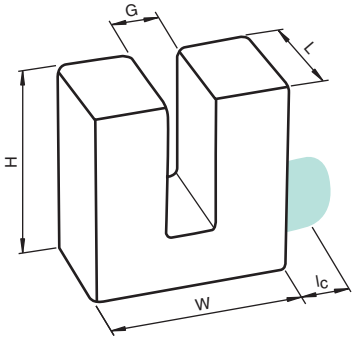
General Data	
Slot width	5 mm
Switching element function	NAMUR, NC
Nominal voltage	8.2 V (R_i approx. 1 kΩ)
Operating voltage	5 ... 25 V
Current consumption	
Measuring plate not detected	≥ 3 mA
Measuring plate detected	≤ 1 mA
Switching frequency	0 ... 2000 Hz
Ambient temperature	-25 ... 100 °C (-13 ... 212 °F)
Housing material	PBT
Protection degree	IP67

Model Number		SJ5-N	SJ5-G-N	SJ5-K-N
Depth of immersion (lateral)	5 ... 7 mm , typ. 6 mm	●	●	
	8 ... 10 mm , typ. 9 mm			●
Connection type	cable PVC , 2 m			●
	flexible leads LIY , 500 mm	●	●	

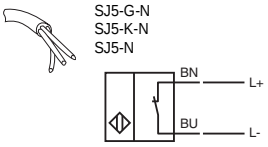
Use in the Hazardous Area				
Use in the hazardous area	see instruction manuals	●	●	●
Category	1G; 2G; 1D	●	●	●

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		15
Width W [mm]	15		29
Height H [mm]	15		31
Slot width G [mm]		5	
Connector area l_c [mm]		0	



Electrical Connection



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