



### Model Number

**SJ2-SN-Y285869**

### Features

- 2 mm slot width

## Technical Data

### General specifications

Switching function	Normally closed (NC)
Output type	NAMUR
Slot width	2 mm
Depth of immersion (lateral)	5 ... 7 typ. 6 mm
Installation	
Reference target	5 x 8 x 0.5 mm <sup>3</sup> , Al
Output type	2-wire

### Nominal ratings

Nominal voltage	$U_o$	8.2 V
Switching frequency	$f$	0 ... 5000 Hz
Current consumption		
Measuring plate not detected		≥ 3 mA
Measuring plate detected		0.2 ... 1 mA

### Standard conformity

EMC in accordance with	EN 60947-5-2:2007 EN 60947-5-2/A1:2012 IEC 60947-5-2:2007 IEC 60947-5-2 AMD 1:2012
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### Ambient conditions

Ambient temperature	-40 ... 100 °C (-40 ... 212 °F)
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### Mechanical specifications

Connection type	flexible leads LIFYW
Core cross-section	0.06 mm <sup>2</sup>
Housing material	PBT
Degree of protection	IP67

### General information

Use in the hazardous area	see instruction manuals
Category	2G

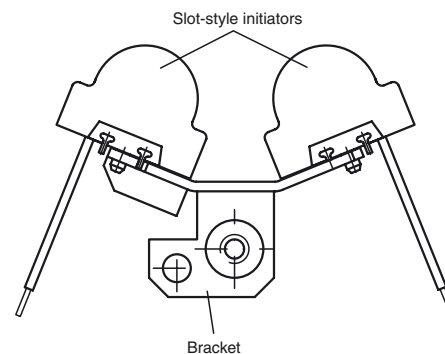
### Compliance with standards and directives

Standard conformity	
NAMUR	EN 60947-5-6:2000 IEC 60947-5-6:1999

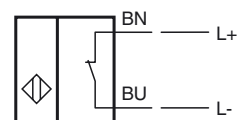
### Approvals and certificates

UL approval	cULus Listed, General Purpose
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## Dimensions



## Electrical Connection



### Equipment protection level Gb

Special conditions