



### Model Number

**NJ 5-11-N**

### Features

- Comfort series
- 5 mm non-flush

### Accessories

#### BF 11

Mounting flange, 11 mm

## Technical Data

### General specifications

Switching element function		NAMUR, NC
Rated operating distance	$s_n$	5 mm
Installation		non-flush
Output polarity		NAMUR
Assured operating distance	$s_a$	0 ... 4.05 mm
Reduction factor $r_{Al}$		0.4
Reduction factor $r_{Cu}$		0.3
Reduction factor $r_{304}$		0.85

### Nominal ratings

Nominal voltage	$U_o$	8 V
Switching frequency	$f$	0 ... 3000 Hz
Hysteresis	$H$	typ. %
Current consumption		
Measuring plate not detected		$\geq 3$ mA
Measuring plate detected		$\leq 1$ mA

### Standard conformity

EMC in accordance with	IEC / EN 60947-5-2:2004
Standards	DIN EN 60947-5-6 (NAMUR)

### Ambient conditions

Ambient temperature	-25 ... 100 °C (-13 ... 212 °F)
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### Mechanical specifications

Core cross-section	0.34 mm <sup>2</sup>
Housing material	PVDF
Sensing face	PVDF
Degree of protection	IP68

## Dimensions



## Electrical Connection

