

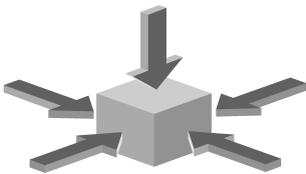
## NZ2WO-511SVM5L060GEC2273 (Order no. 105851)

### Safety switch NZ.WO, rounded plunger, plug connector M12

- ▶ Rounded plunger
- ▶ Version B according to EN 50041
- ▶ Plug connector M12, 5-pin
- ▶ 1 pos. driven contact
- ▶ 1 NO contacts
- ▶ LED indicator: AC/DC 12-60 V yellow



### Approach direction



Horizontal and vertical  
Can be adjusted in 90° steps

### LED indicator

The switch has one freely assignable LED indicator.

### Switching element

511 Snap-action switching contact, 1 positively driven contact  $\ominus \rightarrow$  + 1 NO contact

## Technical data

### Approvals



### Electrical connection values

Fuse	max. 4 A gG	
Display module	AC/DC	12 ... 60 ... 60 V LED yellow
Rated insulation voltage $U_i$	250 V	
Rated impulse voltage $U_{imp}$	1.5 kV	
Utilization category	AC-15	4 A 30 V
	DC-13	4 A 24 V
Switching current	min. at DC 24V	10 mA
thermal rated current $I_{th}$	4 A	

### Mechanical values and environment

Anfahrsgeschwindigkeit	0.1 ... 10 m/min	
Connection type	1 x	Plug connector M12 (5-pin)
Number of NO contacts	1	
Number of door position positively driven contacts	1	
Actuating element	Rounded plunger	
Actuating force	15 ... 30 N	
Installation orientation	any	
Storage temperature	-25 ... 80 °C	
Mechanical life	30 x 10 <sup>6</sup>	
Contact bounce time	max. 3 ms	

Switching principle	Snap-action switching contact (Contact closing time<4 Contact bounce time<3)				
Schließzeit	max. 4 ms				
Degree of protection	IP67				
Ambient temperature	-25 ... 80 °C				
Material	<table border="0"> <tr> <td>Contact</td> <td>Silver alloy, gold flashed</td> </tr> <tr> <td>Housing</td> <td>Anodized die-cast alloy</td> </tr> </table>	Contact	Silver alloy, gold flashed	Housing	Anodized die-cast alloy
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### Characteristic values according to EN ISO 13849-1 and EN IEC 62061

	B10 <sub>D</sub>	Mission time
Safe position sensing	2x10 <sup>7</sup>	20 y
	Important! Values valid at DC-13 100 mA/24V	

### Miscellaneous

C number	C2273
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