

NZ2RS-511SVM5L060GEC2273 (Order no. 105856)

Safety switch NZ.RS, roller plunger, steel roller \varnothing 12 mm, plug connector M12

- ▶ Roller plunger, steel roller \varnothing 12 mm
- ▶ Version C 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

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	50 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 ... 20 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	Slide bearing metal	Roller plunger (Steel roller, d roller = 12 mm)
Actuating force	15 ... 30 N	
Installation orientation	any	
Storage temperature	-25 ... 80 °C	

Mechanical life	30 x 10 ⁶
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	
	Contact Silver alloy, gold flashed
	Housing Anodized die-cast alloy

Characteristic values according to EN ISO 13849-1 and EN IEC 62061

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

Miscellaneous

C number	C2273
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