

NZ2PB-511SVM5L060GEC2273 (Order no. 105853)

Safety switch NZ.PB, lever arm with plastic roller, plug connector M12

- ▶ Lever arm, plastic roller \varnothing 18 mm
- ▶ 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

Switching direction adjustable

Right, left or both sides

Lever arm adjustment

Lever arm length can be adjusted from 28 mm to 78 mm in steps of 12.5 mm.

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	0.5 ... 120 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 plastic	Lever arm adjustable (d roller = 18 mm, length = 28 – 78 mm)
Actuating force	min. 15 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	
	Housing Anodized die-cast alloy
	Contact Silver alloy, gold flashed

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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