

NZ2HB-511SVM5L060GEC2273 (Order no. 105839)

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

- ▶ Lever arm, plastic roller ø 18 mm
- ▶ Version A 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

Switching direction adjustable

Right, left or both sides

LED indicator

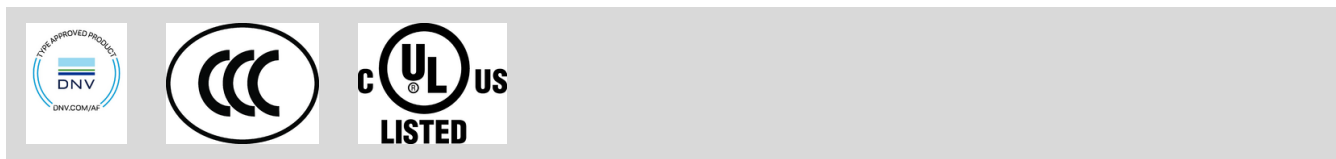
The switch has one freely assignable LED indicator.

Switching element

511 Snap-action switching contact, 1 positively driven contact $\rightarrow$ + 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 ... 300 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 (d roller = 18 mm, length = 32 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