

NZ1PS-511L060-M (Order no. 104102)

Safety switch NZ.PS, adjustable lever arm with steel roller, cable entry M20 x 1.5

- ▶ Lever arm, steel roller \varnothing 18 mm
- ▶ Cable entry M20 x 1.5
- ▶ 1 pos. driven contact
- ▶ 1 NO contacts
- ▶ LED indicator: AC/DC 12-60 V red



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

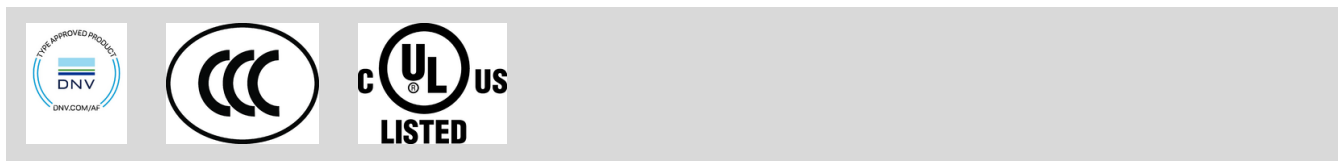
The switch has one freely assignable LED indicator.

Switching element

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

Technical data

Approvals



Electrical connection values

Fuse	max. 6 A gG	
Connection cross section	0.34 ... 0.75 mm ²	
Display module	AC/DC	12 ... 60 ... 60 V LED red
Rated insulation voltage U _i	250 V	
Rated impulse voltage U _{imp}	2.5 kV	
Utilization category	DC-13	6 A 24 V
	AC-15	6 A 230 V
Switching current	min. at DC 24V	10 mA
thermal rated current I _{th}	6 A	

Mechanical values and environment

Anfahrsgeschwindigkeit	0.5 ... 30 m/min	
Number of NO contacts	1	
Number of door position positively driven contacts	1	
Actuating element	Slide bearing metal	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

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	