

SN02B12-514-M (Order no. 113937)

Series SN... 12 mm, mechanical

- ▶ Plunger spacing 12 mm
- ▶ Upright housing, small flange
- ▶ Degree of protection IP67 according to IEC 60529



Switching element

ES 514 Snap-action switching contact 1 NC $\rightarrow$ + 1 NO

On the usage of safety switching elements, the dog distance $\textcircled{3-0.5}$ must be maintained to achieve the positively driven travel. The dogs must be positively mounted according to EN ISO 14119, i.e. riveted, welded or secured in some other way against becoming loose.

Technical data

Approvals



Electrical connection values

Fuse	max. 6 A gG
Connection cross section	0.34 ... 1.5 mm ²
Rated insulation voltage U_i	250 V
Rated impulse voltage U_{imp}	4 kV
Utilization category	
	DC-13 6 A 24 V
	AC-15 2.5 A 230 V
Switching current	
	min. at DC 24V min. 5 mA
thermal rated current I_{th}	10 A

Mechanical values and environment

Anfahrsgeschwindigkeit	0.01 ... 120 m/min
Connection type	
	2 x M20 x 1.5
Number of switching elements	2
Number of NO contacts	2
Number of positively driven contacts	2
Design	upright
Actuating element	
	Ball bearing Roller plunger
Actuating force	min. 30 N
Installation orientation	any
Storage temperature	-25 ... 80 °C
Mechanical life	1 x 10 ⁶

Switching principle

Snap-action switching contact

(Contact closing time ≤ 5 ms, contact bounce time ≤ 3 ms)

Degree of protection

IP67

Plunger spacing

12 mm

Ambient temperature

$-5 \dots 80$ °C

Material

Contact Silver alloy, gold flashed

Housing Die-cast aluminum, anodized

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

B_{10D}

2×10^6