

ITEM 127590 NZ2RK-511SVM5L060GEC2273

Description	Technical data	Accessories	Downloads
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Features

- › Steel roller \varnothing 8 mm
- › Plug connector M12
- › LED indicator

LED function display

A function display is available for the following voltage range:

- › AC/DC 12-60 V yellow

Switching element

511 Snap-action switching contact 1 NC \rightarrow + 1 NO

Approvals



Mechanical values and environment

Housing material	Anodized die-cast alloy
Weight	Net 0,3 kg
Ambient temperature	-25 ... 80 °C
Degree of protection	IP67
Mechanical life	30 x 10 ⁶
Contact material	Silver alloy, gold flashed
Switching principle	Snap-action switching contact [1]
Installation position	Any
Number of door position positively driven contacts	1
Number of NO contacts	1
Connection	1 x Plug connector M12 [2]
Approach speed	max. 0,1 ... 50 m/min
Actuating element	Plain bearing metal Roller plunger [3]
Actuating force	15 ... 30 N

Electrical connection ratings

Rated thermal current I_{th}	4 A
Utilization category according to EN 60947-5-1	AC-15 4A 30V DC-13 4A 24V
Short circuit protection according to IEC 60269-1	(Fuse) 4A gG
Rated insulation voltage U_i	50 V
Rated impulse withstand voltage U_{imp}	1,5 kV
Switching current	Min. at DC 24V 10 mA
Safety class	I
Display module	AC/DC 12 ... 60 V 60 V LED yellow

Miscellaneous

C number	C2273 [4]
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Reliability values acc. to EN ISO 13849-1

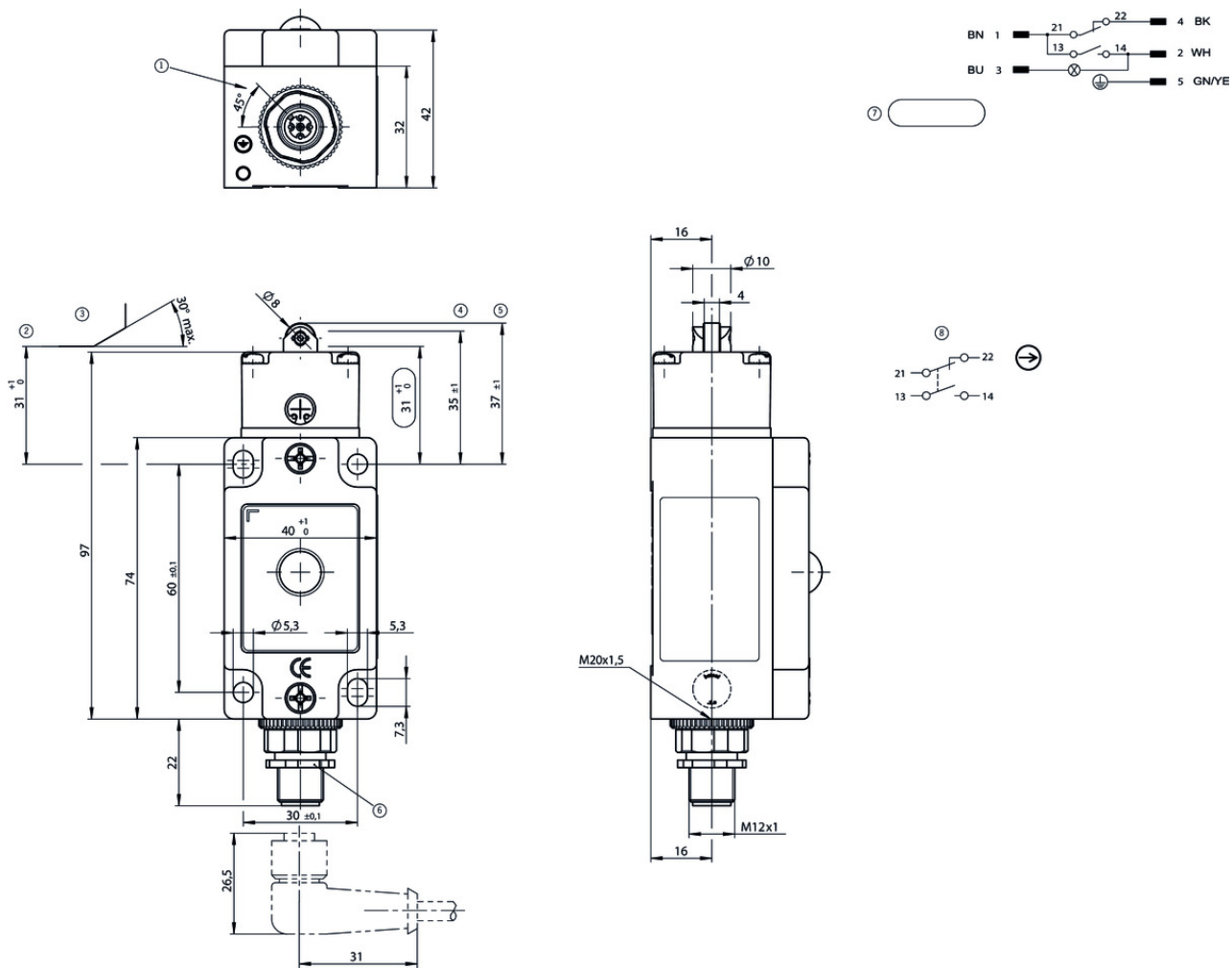
Monitoring of the safety guard position

B10D

20×10^6

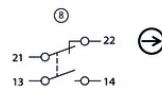
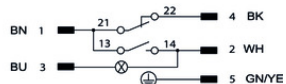
- [1] Contact closing time <4 contact bounce time <3
- [2] 5-pin
- [3] Steel roller d roller = 8 mm
- [4] Special wiring

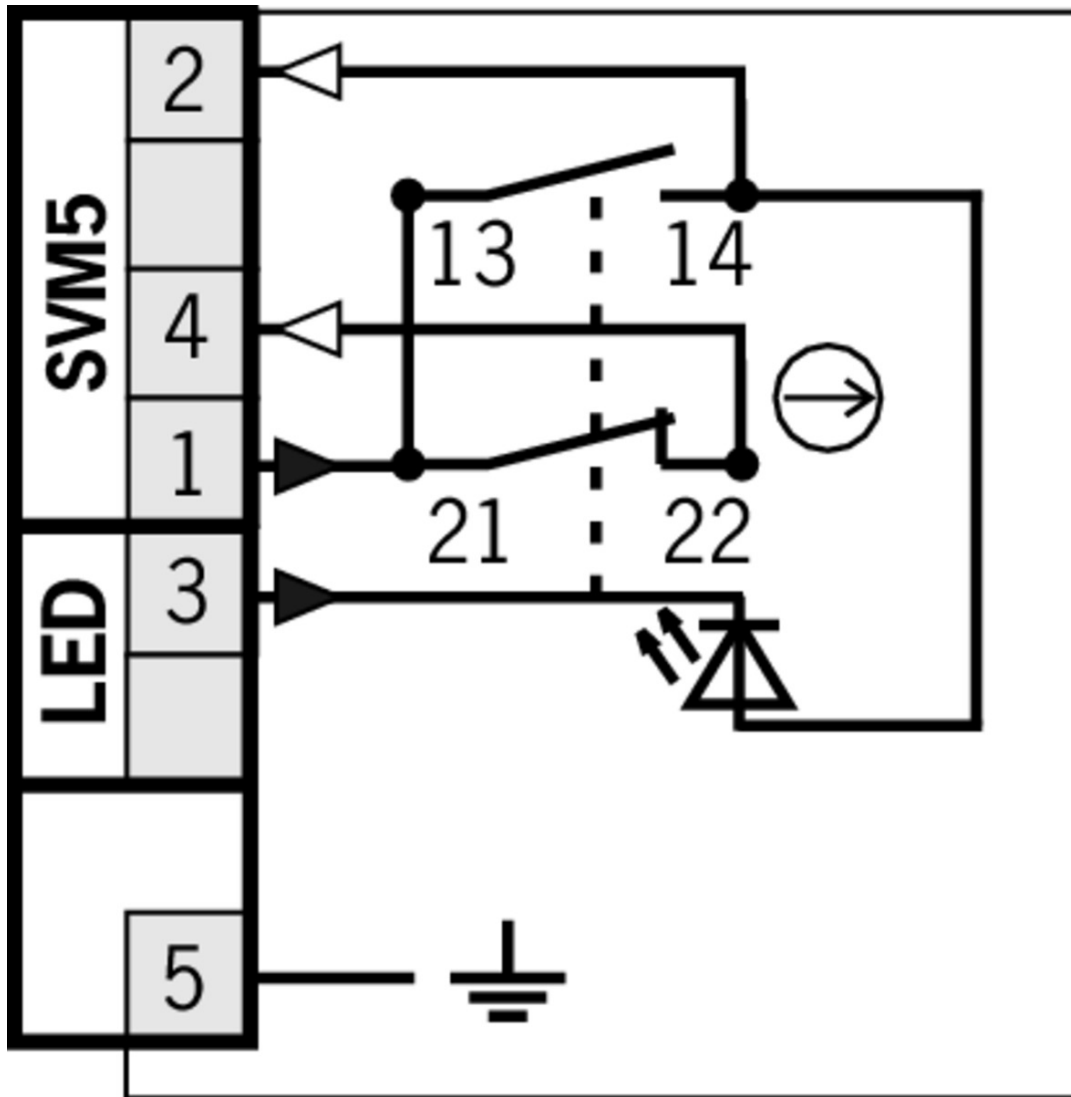
Dimension drawing



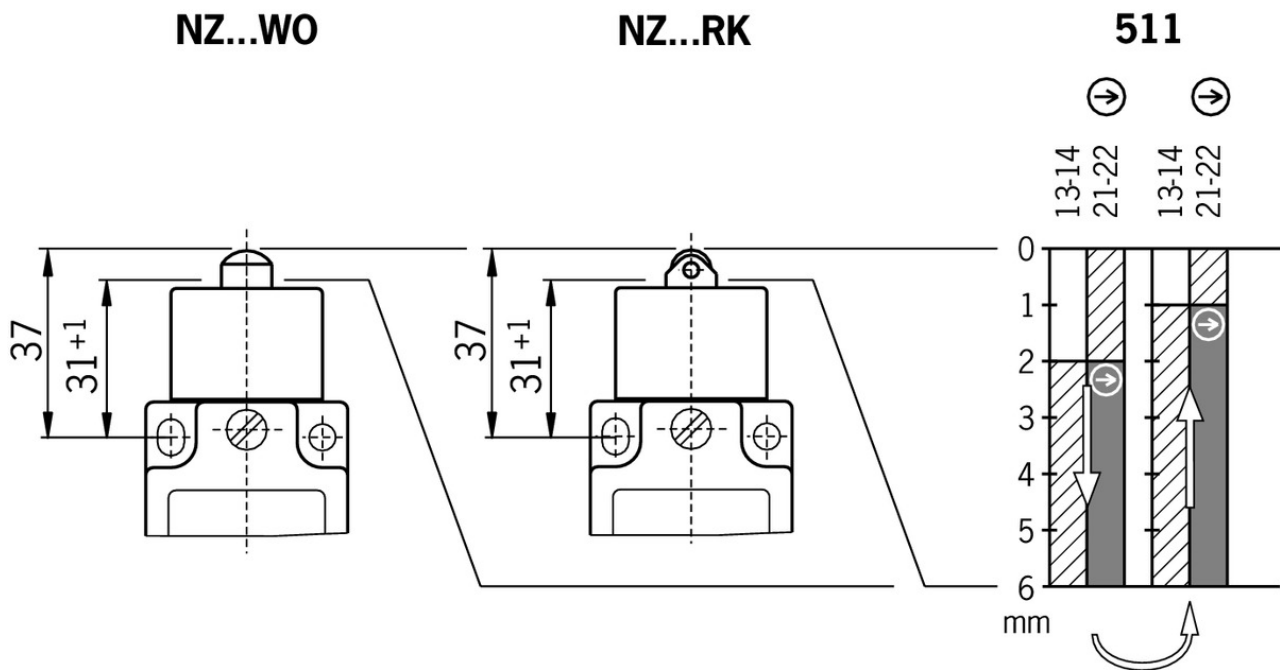
Legende

- 1 Guide lug aligned
- 2 End position
- 3 Dog
- 4 Operating point
- 5 Free position
- 6 Male socket adjustable (max. 270°)
- 7 Positive opening function is dependent on maintaining this distance. Actuator (dog) must be positively mounted on the machine. Switch can be replaced only with the same type.
- 8 Switching element ES511 snap-action contact element 1 NO contact + 1 NC contact, NC contact positive opening








Travel diagram



Legende

-  Contacts closed
-  Contacts open
-  Contacts positively driven

Connection material

- ☑ Connection cable with straight plug connector M12, 5-pin, 5m



073461 C-M12F05-05X050PU05,0-GA-073461

☑ Features

- › M12 female plug, 4-pin + PE
- › Straight plug connector
- › PUR cable
- › Halogen-free
- › Cable length 5 m
- › With flying lead
- › Cores color-coded

- ☑ Connection cable with angled plug connector M12, 5-pin, 5m



073462 C-M12F05-05X050PU05,0-GA-073462













☑ Features

- › M12 female plug, 4-pin + PE
- › Angled plug connector
- › PUR cable
- › Halogen-free

- › Cable length 5 m
- › With flying lead
- › Cores color-coded

Instructions

▼ Betriebsanleitung Sicherheitsschalter NZ.D.../NZ.W.../NZ.R...

	Doc. no.	Version	Language	Download
Betriebsanleitung Sicherheitsschalter NZ.D.../NZ.W.../NZ.R... Manual de instrucciones Interruptores de seguridad NZ.D.../NZ.W.../NZ.R... Mode d'emploi Interrupteur de sécurité NZ.D.../NZ.W.../NZ.R... Istruzioni di impiego Finecorsa di sicurezza NZ.D.../NZ.W.../NZ.R... Operating Instructions Safety Switch NZ.D.../NZ.W.../NZ.R...	074549	10-01/17	    	 1.8 MB
Instrukcja obsługi Wyłącznik bezpieczeństwa NZ.D.../NZ.W.../NZ.R...	074549	10-01/17		 0.4 MB
Инструкция по эксплуатации Предохранительный выключатель NZ.D.../NZ.W.../NZ.R...	074549	10-01/17		 0.6 MB
Návod na prevádzku Bezpečnostný spínač NZ.D.../NZ.W.../NZ.R...	074549	10-01/17		 0.4 MB

Declaration of conformity

▼ EU prohlášení o shodě

	Doc. no.	Version	Language	Download
EU-Konformitätserklärung Declaración UE de conformidad Déclaration UE de conformité Dichiarazione di conformità EU declaration of conformity	2077153	25-02/17	    	 0.3 MB
EU prohlášení o shodě EU-overensstemmelseserklæring Δήλωση συμμόρφωσης της ΕΕ EU-vaatimustenmukaisuusvakuutus EU-típusbizonyítvány EU-conformiteitsverklaring Deklaracja zgodności UE Declaração de Conformidade UE Declarația de conformitate UE EÚ vyhlásenie o zhode	2077153	25-02/17	        	 0.5 MB