

ITEM 128141 NZ2RK-511SVM5L060GE

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 \ominus + 1 NO

Approvals



Mechanical values and environment

Contact bounce time	max.3 ms
Contact closing time	max.4 ms
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
Installation position	Any
Number of door position positively driven contacts	1
Number of NO contacts	1
Connection	1 x Plug connector M12 [1]
Approach speed	max. 0,1 ... 50 m/min
Actuating element	Plain bearing metal Roller plunger [2]
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

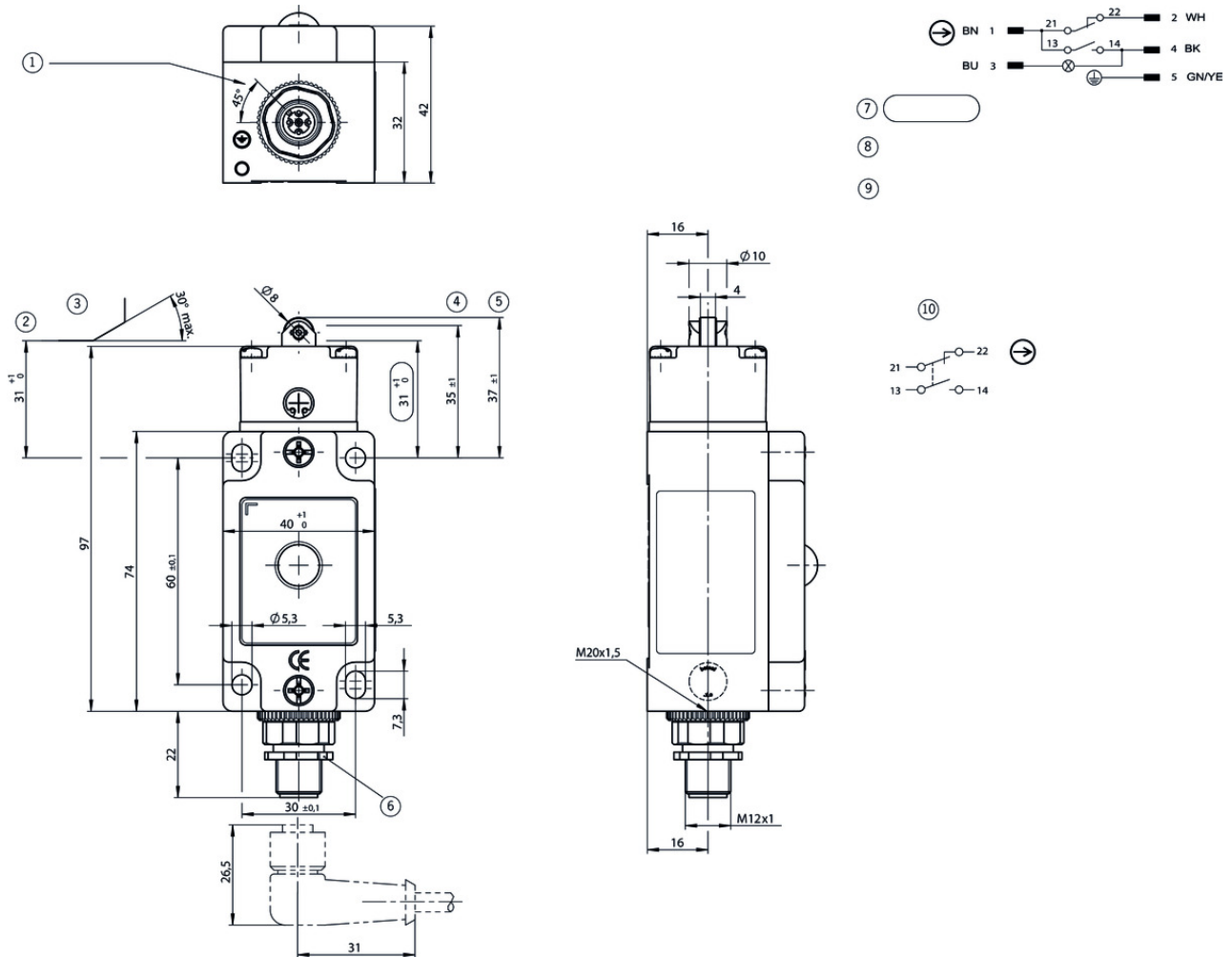
Reliability values acc. to EN ISO 13849-1

	Monitoring of the safety guard position
B10 _D	20 x 10 ⁶

[1] 5-pin

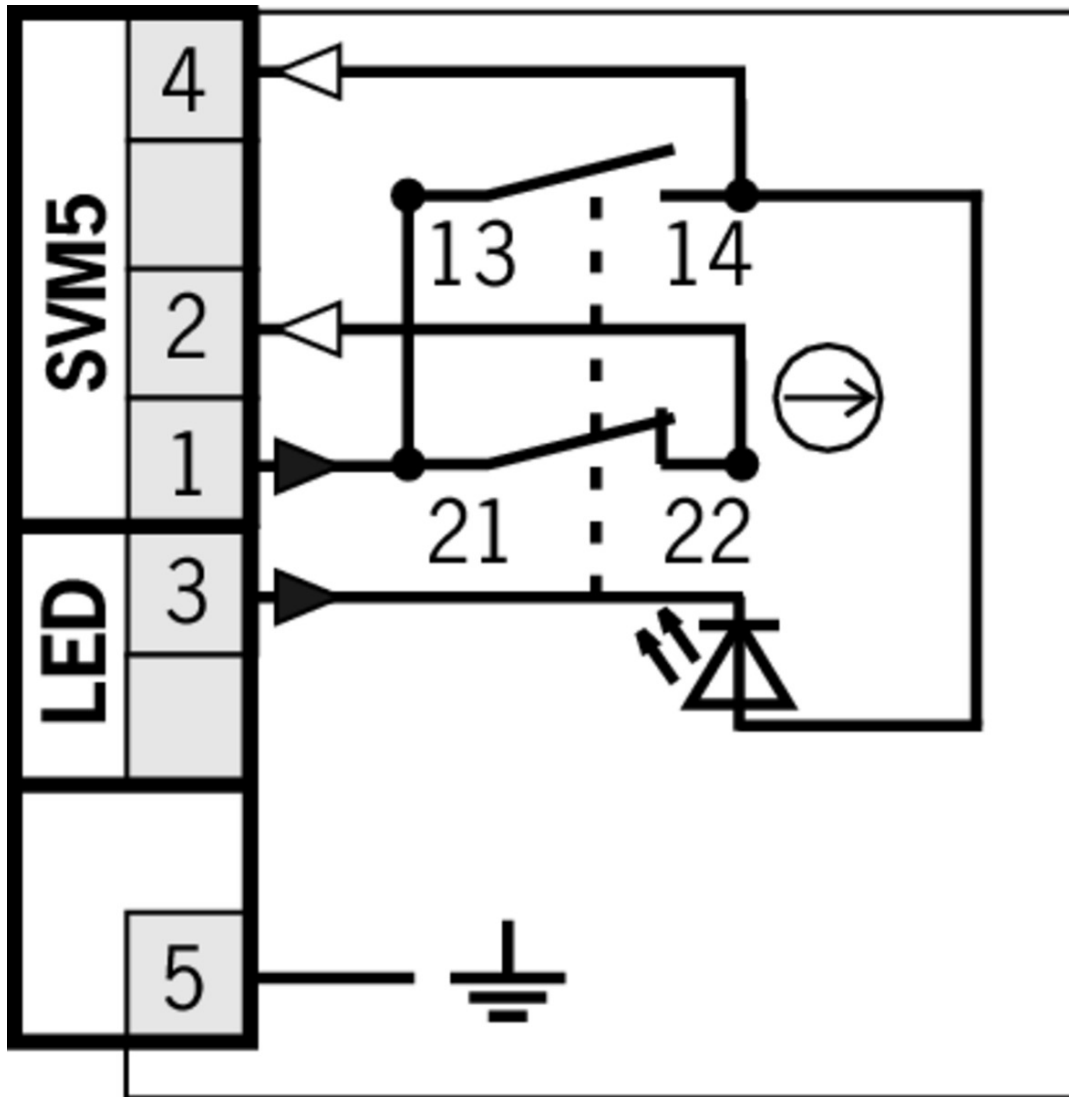
[2] Steel roller d roller = 8 mm

Dimension drawing

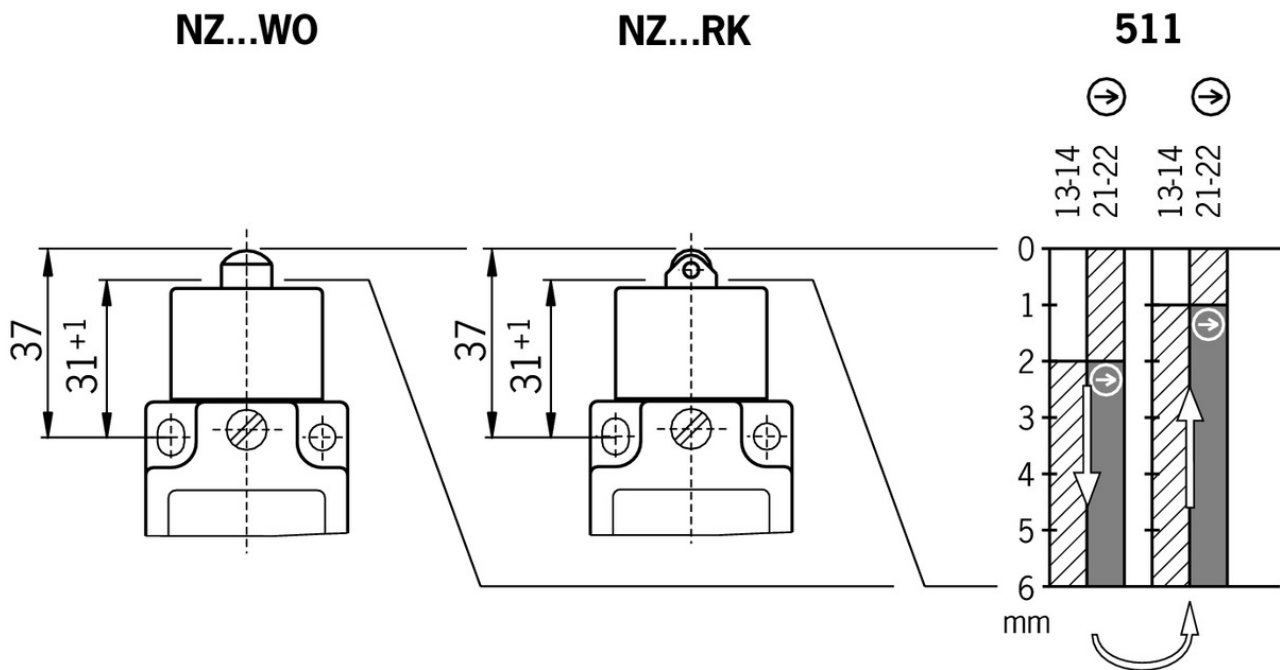


Legende




- 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.
- 8 Actuator (dog) must be positively mounted on the machine.
- 9 Switch can be replaced only with the same type.
- 10 Switching element in free position: 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...	074549	10-01/17	    	 1.8 MB
Operating Instructions Safety Switch 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...				
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

Catalogs

▼ Sicherheitsschalter mit Metallgehäuse Safety Switches with Metal Housing Bezpečnostní spínače s kovovým pouzdem Interrupteurs de sécurité avec boîtier métallique 金属壳体 的安全开关 Interruptores de seguridad con carcasa metálica

	Doc. no.	Version	Language	Download
Sicherheitsschalter mit Metallgehäuse	100319	11-03/18		 7.9 MB
Interrupteurs de sécurité avec boîtier métallique	100676	11-03/18		 7.9 MB
Interruptores de seguridad con carcasa metálica	104856	11-03/18		 14.0 MB
Safety Switches with Metal Housing	100369	11-03/18		 7.9 MB
Bezpečnostní spínače s kovovým pouzdem	121650	11-03/18		 7.9 MB
金属壳体 的安全开关	102453	11-03/18		 8.2 MB

Declaration of conformity

▼ EU prohlášení o shodě

Doc. no.	Version	Language	Download
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EU-Konformitätserklärung	2077153	25-02/17		 0.3 MB
EU declaration of conformity				
Declaración UE de conformidad				
Déclaration UE de conformité				
Dichiarazione di conformità				
EU prohlášení o shodě	2077153	25-02/17		 0.5 MB
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				