

ITEM 090975 NZ2RL-2121

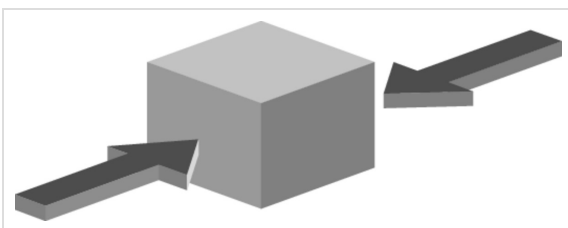
Description	Technical data	Accessories	Downloads
-------------	----------------	-------------	-----------



Features

- › Steel roller \varnothing 18 mm
- › Plug connector SR11

Approach direction



- › Figure
Horizontal
Can be adjusted in 90° steps

Switching element

2121H Slow-action switching contact 4NC↻

Approvals



Mechanical values and environment

Housing material	Anodized die-cast alloy
Weight	Net 0,3 kg
Ambient temperature	-25 ... 80 °C
Degree of protection	IP65
Mechanical life	30 x 10 ⁶
Contact material	Silver alloy, gold flashed
Switching principle	Slow-action switching contact
Installation position	Any
Number of door position positively driven contacts	4
Connection	1 x Plug connector SR11 ^[1]
Approach speed	max. 0,1 ... 20 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 50V 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 1 mA

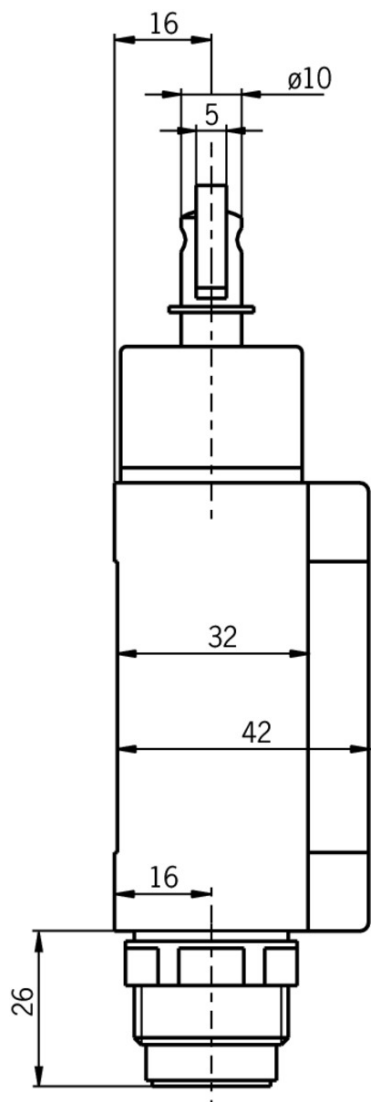
Reliability values acc. to EN ISO 13849-1

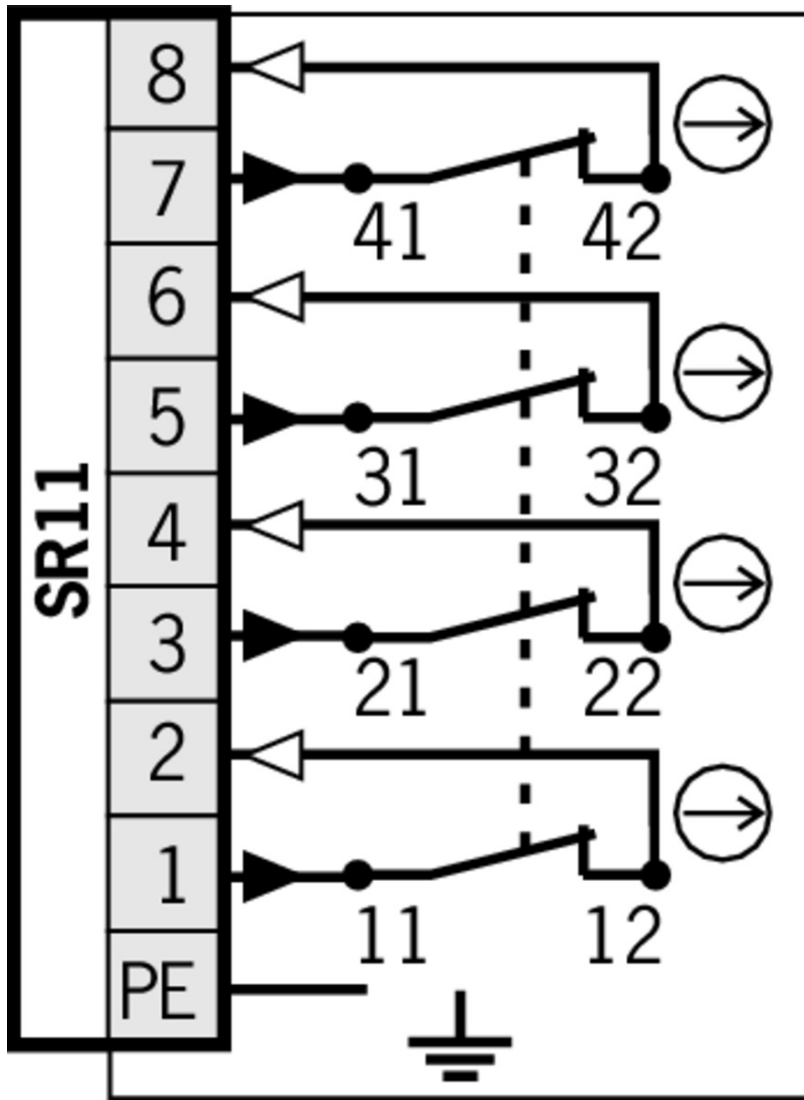
	Monitoring of the safety guard position
B10 _D	20 x 10 ⁶

[1] 11-pin + PE

[2] d roller = 18 mm

Dimension drawing

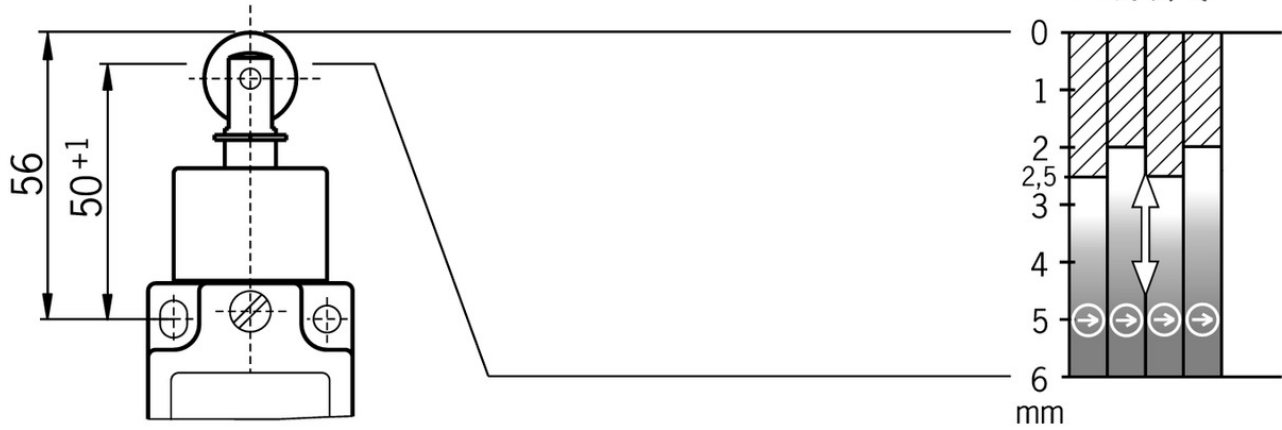







Travel diagram

NZ...RL

2121H



Legende

-  Contacts closed
-  Contacts open
-  Contacts positively driven

Connection material

- Plug connector SR11 for safety switches NZ and TZ

070859 SR11EF

Features

- › Crimp contacts
- › Cable optional
- › Coding shells

054773 SR11WF

Features

- › Crimp contacts
- › 90° angled optional
- › Cable optional
- › Coding shells

091296 SR11AM2-M20

Features

- › Crimp contacts
- › Cable optional
- › Coding shells

▼ Connection cable with plug connector SR11, 5m



077629 C-M26F12-12X1,00PU05,0-MA-077629

▼ Features

- › Female plug SR11, 11-pin + PE
 - › Straight plug connector
 - › PUR cable
 - › Cable length 5 m
 - › With flying lead
-

▼ Connection cable with plug connector SR11, 5m, angled



077635 C-M26F12-12X1,0PU05,0-MA-077635

▼ Features

- › Female plug SR11, 11-pin + PE
 - › Angled plug connector
 - › PUR cable
 - › Cable length 5 m
 - › With flying lead
-

▼ Connection cable with plug connector SR11, 10m



077630 C-M26F12-12X1,00PU10,0-MA-077630

▼ Features

- › Female plug SR11, 11-pin + PE
 - › Straight plug connector
 - › PUR cable
 - › Cable length 10 m
 - › With flying lead
-

▼ Connection cable with plug connector SR11, 10m, angled



077636 C-M26F12-12X1,0PU10,0-MA-077636

▼ Features

- › Female plug SR11, 11-pin + PE
 - › Angled plug connector
 - › PUR cable
 - › Cable length 10 m
 - › With flying lead
-

▼ Connection cable with plug connector SR11, 15m



077631 C-M26F12-12X1,00PU15,0-MA-077631

▼ Features

- › Female plug SR11, 11-pin + PE
 - › Straight plug connector
 - › PUR cable
 - › Cable length 15 m
 - › With flying lead
-

- Connection cable with plug connector SR11, 15m, angled



077637 C-M26F12-12X1,0PU15,0-MA-077637

Features

- > Female plug SR11, 11-pin + PE
- > Angled plug connector
- > PUR cable
- > Cable length 15 m
- > With flying lead

- Connection cable with plug connector SR11, 20m



096632 C-M26F12-12X1,0PU20,0-MA-096632

Features

- > Female plug SR11, 11-pin + PE
- > Straight plug connector
- > PUR cable
- > Cable length 20 m
- > With flying lead

- Connection cable with plug connector SR11, 25m



094749 C-M26F12-12X1,0PU25,0-MA-094749



Features

- > Female plug SR11, 11-pin + PE
- > Straight plug connector
- > PUR cable
- > Cable length 25 m
- > With flying lead

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
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...				
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
EU-Konformitätserklärung	2077153	25-02/17		 0.3 MB
Declaración UE de conformidad				
Déclaration UE de conformité				
Dichiarazione di conformità				
EU declaration of conformity				
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				

CAD data

CAD data for this item on TraceParts