

## ITEM 088613 NZ1PS-511-M

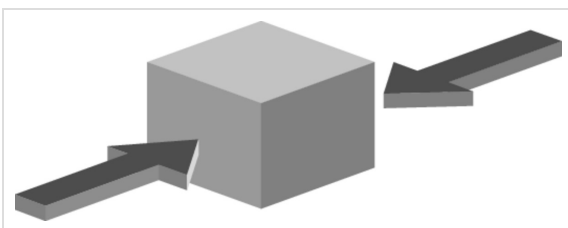
| Description | Technical data | Accessories | Downloads |
|-------------|----------------|-------------|-----------|
|-------------|----------------|-------------|-----------|



### Features

- › Steel roller  $\varnothing$  18 mm
- › Cable entry M20 x 1.5

### Approach direction



- › Figure  
Horizontal

### Switching direction

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.

## Switching element

**511** Snap-action switching contact 1 NC $\ominus$  + 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 <sup>6</sup>                         |
| Contact material                                   | Silver alloy, gold flashed                   |
| Switching principle                                | Snap-action switching contact <sup>[1]</sup> |
| Installation position                              | Any  |
| Number of door position positively driven contacts | 1  |
| Number of NO contacts                              | 1  |
| Connection   | 1 x M20 x 1.5                                |
| Approach speed                                     | max. 0,5 ... 30 m/min                        |
| Actuating element                                  | Plain bearing metal                          |
|  | Lever arm adjustable <sup>[2]</sup>          |
| Actuating force                                    | min.15 N                                     |

## Electrical connection ratings

|   |   |
|---|---|
| Rated thermal current I <sub>th</sub>             | 6 A   |
| Utilization category according to EN 60947-5-1    | AC-15 6A 230V<br>DC-13 6A 24V<br>AC-12 10A 230V |
| Short circuit protection according to IEC 60269-1 | (Fuse) 6A gG                                    |
| Rated insulation voltage U <sub>i</sub>           | 250 V   |
| Rated impulse withstand voltage U <sub>imp</sub>  | 2,5 kV  |

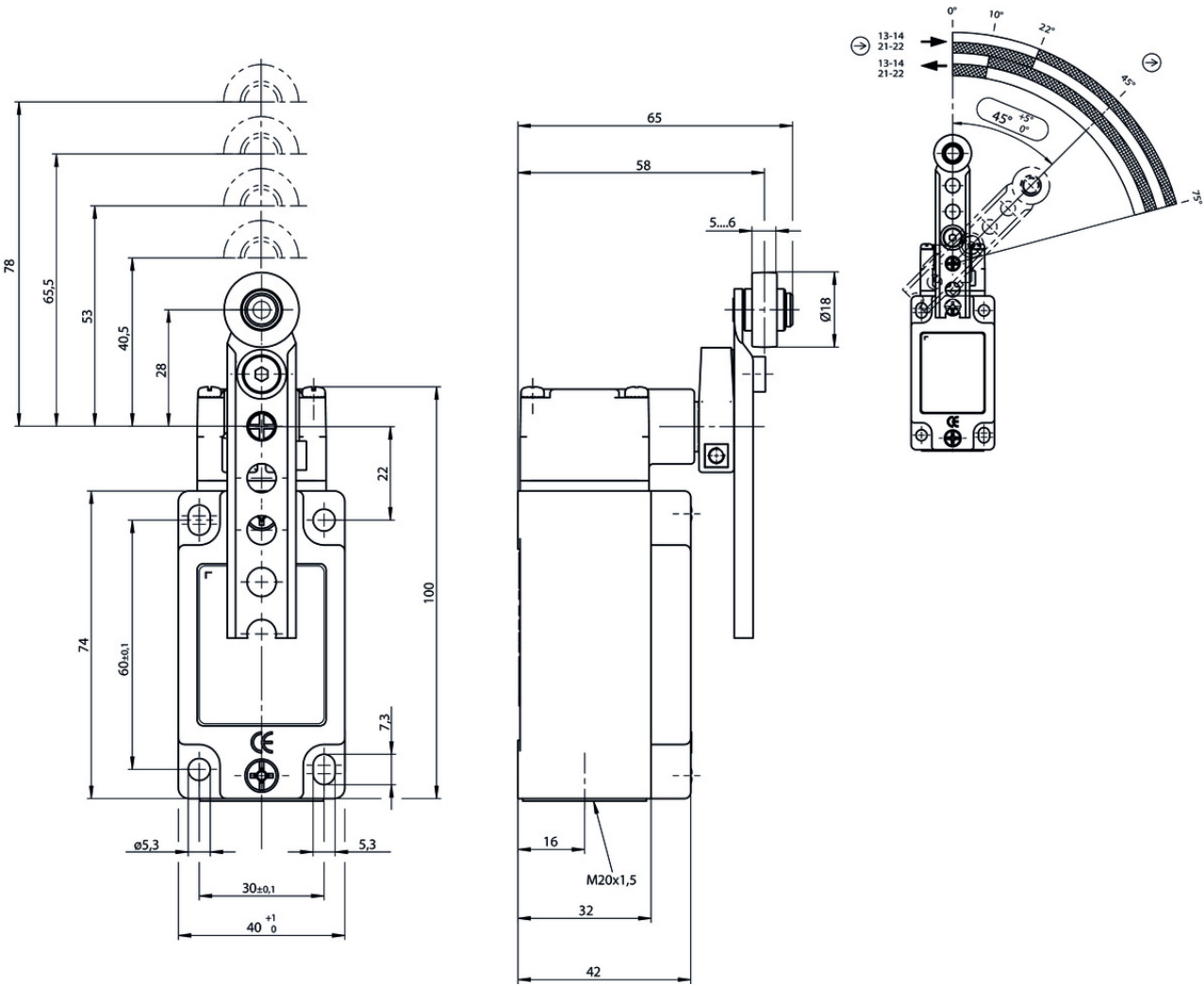
|                          |                              |
|--------------------------|------------------------------|
| Switching current        | Min. at DC 24V 10 mA         |
| Connection cross-section | 0,34 ... 1,5 mm <sup>2</sup> |

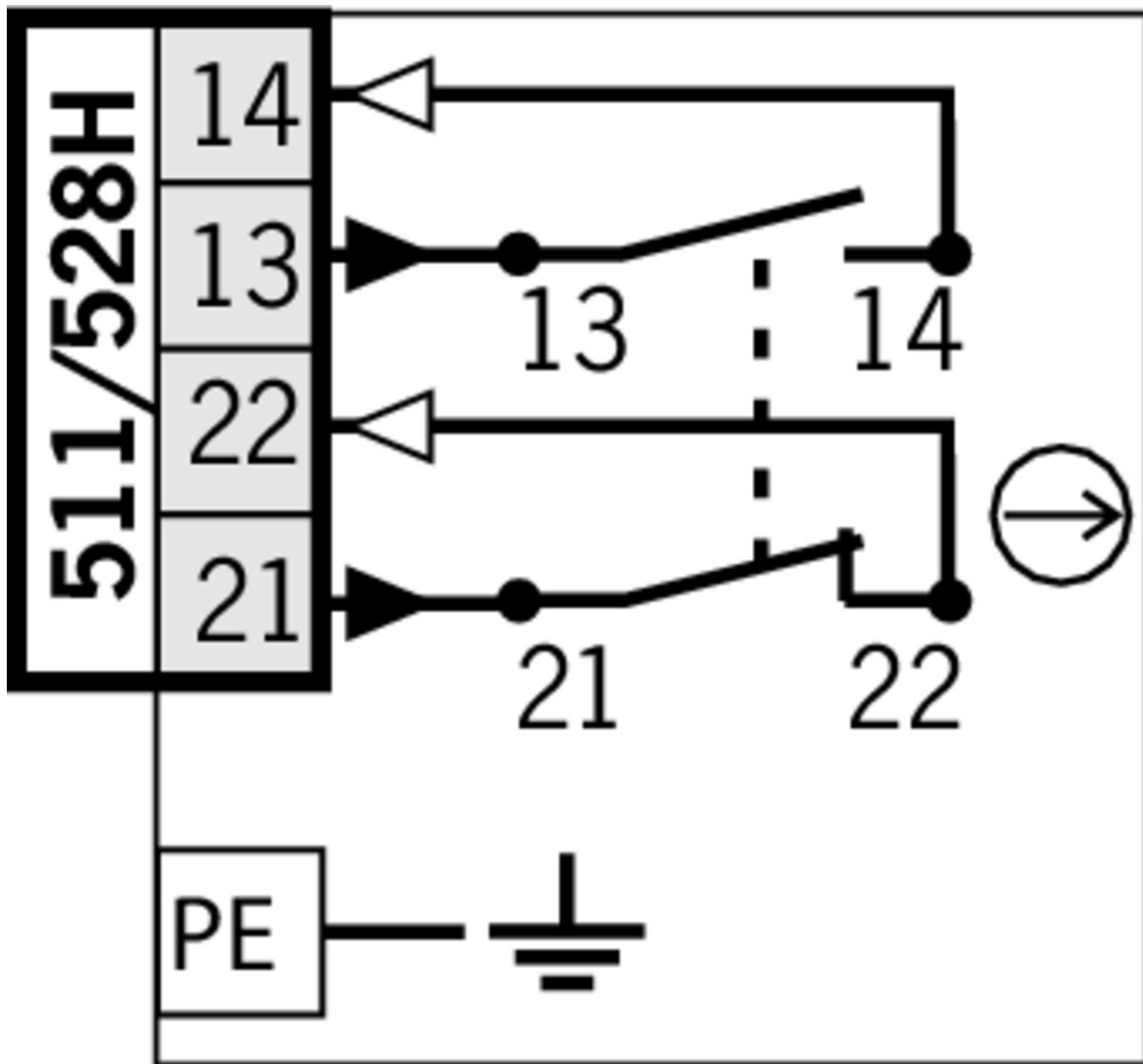
**Reliability values acc. to EN ISO 13849-1**

|                  |  |
|------------------|--|
|                  | <b>Monitoring of the safety guard position</b> |
| B10 <sub>D</sub> | 20 x 10 <sup>6</sup>                           |

- [1] Contact closing time <4 contact bounce time <3
- [2] d roller = 18 mm, length 28 - 78 mm

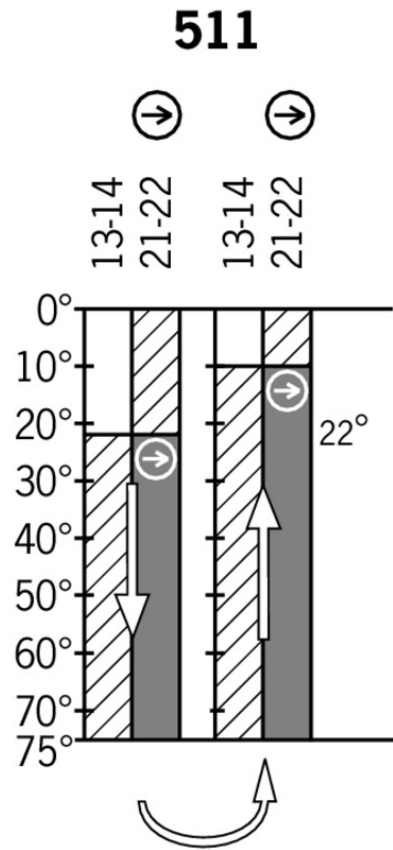
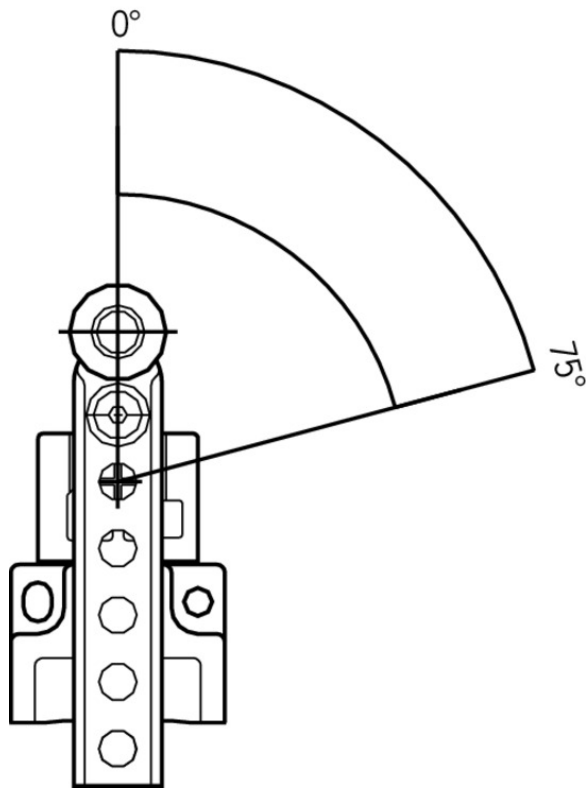
**Dimension drawing**








## Travel diagram


**NZ...PS**  
**NZ...PB**



## Legende

-  Contacts closed
-  Contacts open
-  Contacts positively driven

## Connection material

-  Cable glands M20x1.5



**077683** EKVM20/06



**077684** EKVM20/09













## Instructions

### ▼ Betriebsanleitung Sicherheitsschalter NZ.H/P

|  | Doc. no. | Version  | Language  | Download   |
|--|----------|----------|---|--|
| Betriebsanleitung Sicherheitsschalter NZ.H/P<br>Manual de instrucciones Interruptores de seguridad NZ.H/P<br>Mode d'emploi Interrupteur de sécurité NZ.H/P<br>Istruzioni di impiego Finecorsa di sicurezza NZ.H/P<br>Operating Instructions Safety Switch NZ.H/P | 074550   | 11-12/16 | <br><br><br><br> |  2.1 MB |
| Instrukcja obsługi Wyłącznik bezpieczeństwa NZ.H/P   | 074550   | 11-12/16 |    |  0.5 MB |
| Инструкция по эксплуатации<br>Предохранительный выключатель NZ.H/P   | 074550   | 11-12/16 |    |  0.6 MB |
| Návod na prevádzku Bezpečnostný spínač NZ.H/P  | 074550   | 11-12/16 |    |  0.5 MB |

## Catalogs

### ▼ Sicherheitsschalter mit Metallgehäuse Safety Switches with Metal Housing Bezpečnostní spínače s kovovým pouzdrém 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 pouzdrém           | 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<br>Declaración UE de conformidad<br>Déclaration UE de conformité<br>Dichiarazione di conformità<br>EU declaration of conformity   | 2077153  | 25-02/17 | <br><br><br><br>   |  0.3 MB |
| EU prohlášení o shodě<br>EU-overensstemmelseserklæring<br>Δήλωση συμμόρφωσης της ΕΕ<br>EU-vaatimustenmukaisuusvakuutus<br>EU-típusbizonyítvány<br>EU-conformiteitsverklaring<br>Deklaracja zgodności UE<br>Declaração de Conformidade UE<br>Declarația de conformitate UE<br>EÚ vyhlásenie o zhode | 2077153  | 25-02/17 | <br><br><br><br><br><br><br><br> |  0.5 MB |

## CAD data

CAD data for this item on TraceParts