

ITEM 079953 NZ1HS-511-M

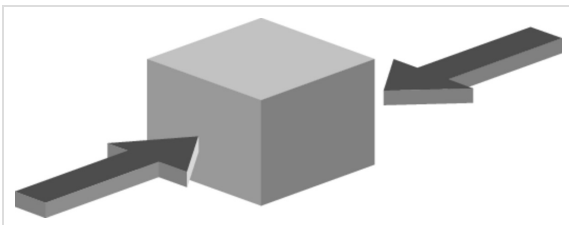
Description	Technical data	Accessories	Downloads
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Features

- › Version A according to EN 50041(steel roller \varnothing 18 mm)
- › Cable entry M20 x 1.5

Approach direction



- › Figure
Horizontal

Switching direction

- › Right, left or both sides

Switching element

Approvals



Mechanical figures and environment

Housing material	Anodized die-cast alloy
Ground	
	Net 0,4 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 M20 x 1.5
Approach speed	
	max. 0,1 ... 60 m/min
Actuating element	
Plain bearing metal	Lever arm ^[2]
Actuating force	min. 15 N

Electrical connection ratings

Thermal rated current I _{th}	6 A
Utilization category acc. to EN 60947-5-1	
	AC-15 6A 230V
	DC-13 6A 24V
	AC-12 10A 230V
Short circuit protection according to IEC 60269-1	
(Fuse)	6A gG
Rated insulation voltage U _i	250 V
Rated impulse withstand voltage U _{imp}	2,5 kV
Switching current	
Min. at DC 24V	10 mA
Connection cross-section	0,34 ... 1,5 mm ²

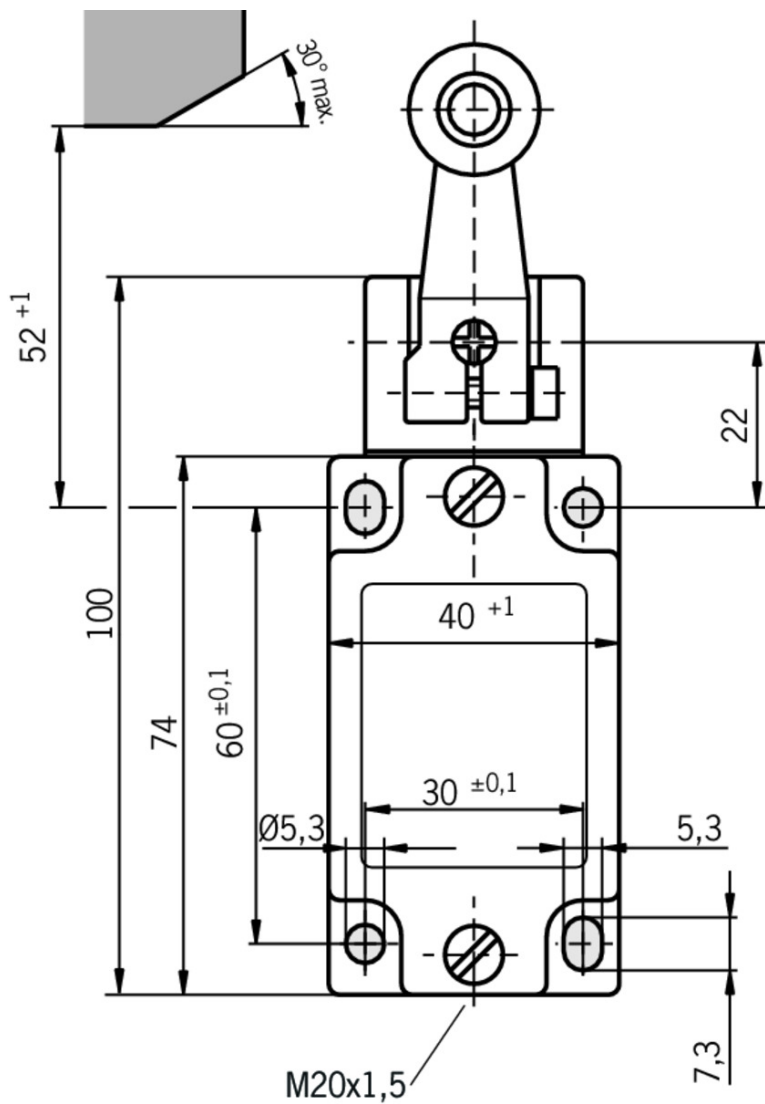
Reliability values according to EN ISO 13849-1

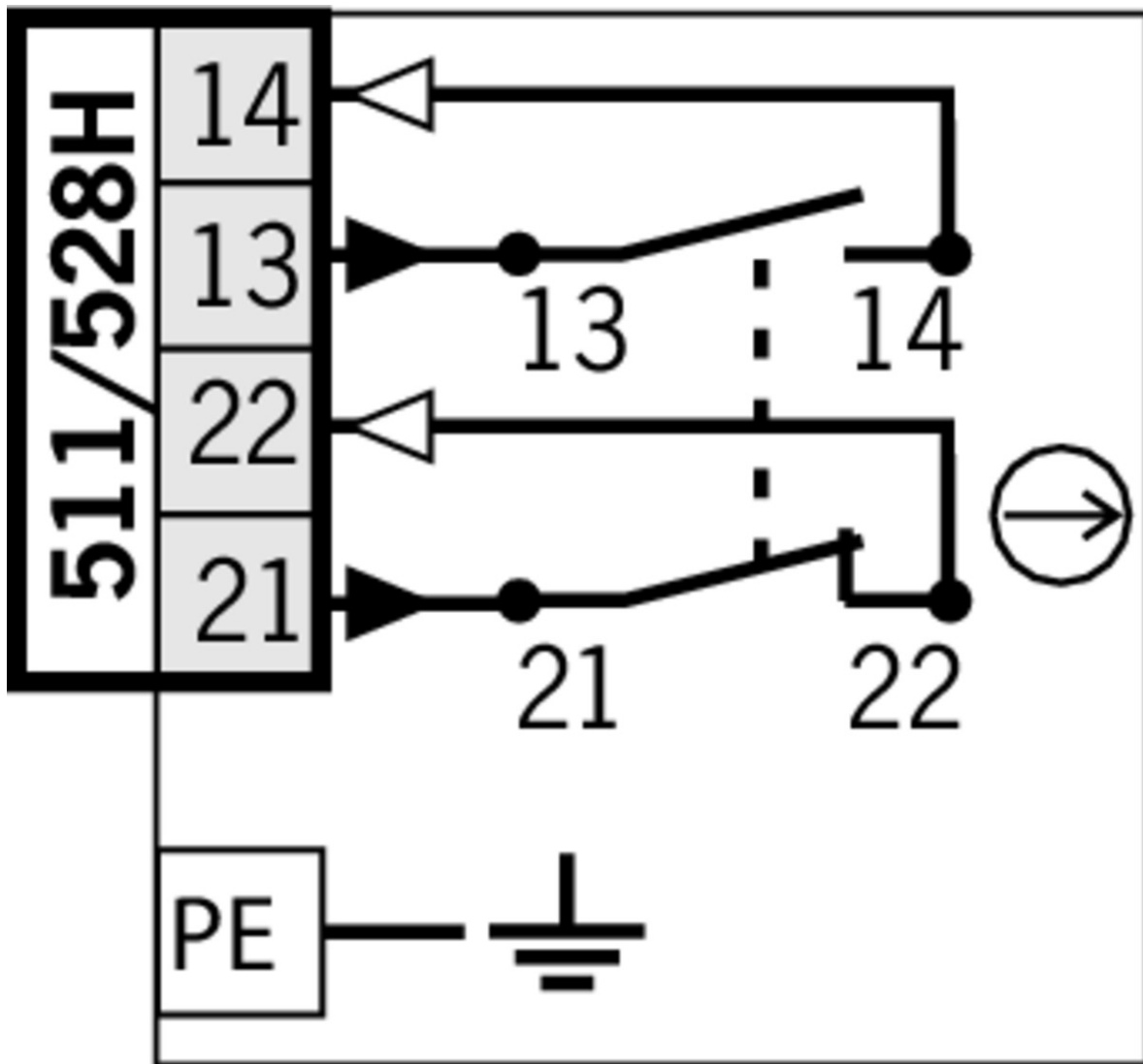
	Monitoring of the safety guard position
B10 _d	20×10^6

[1] Contact closing time <4 contact bounce time <3

[2] d roller = 18 mm, length 32 mm

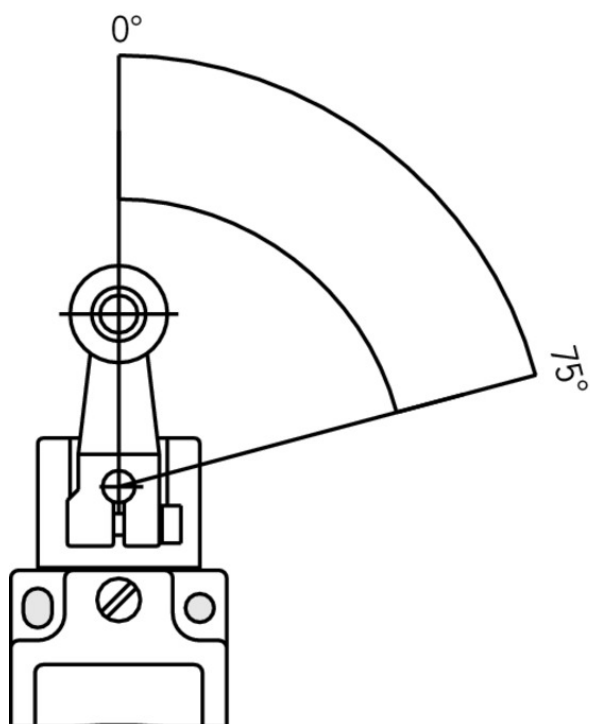
Dimension drawing



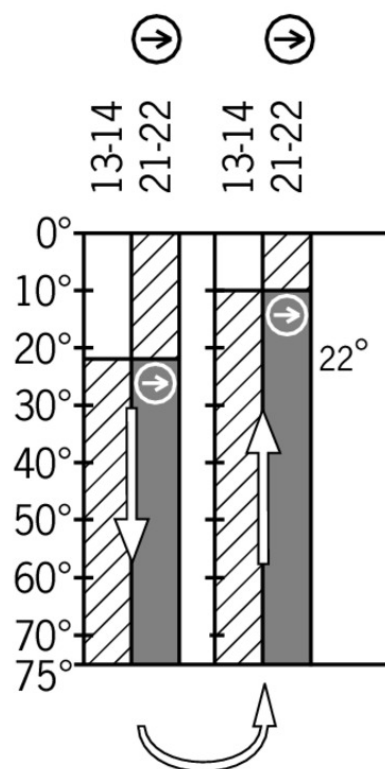


Travel diagram,




NZ...HS
NZ...HB



511



Legende

-  Contacts closed
-  Contacts open
-  Contacts positively driven

Connection material

-  Cable glands M20x1.5



077684 EKVM20/09



077683 EKVM20/06

Spare parts

-  Lever arm with steel roller



012043 NHS ROLLENHEBEL

Features

- › Steel roller Ø18mm

Instructions

Operating Instructions Safety Switch NZ.H/P

	Doc. no.	Version	Language	Download
Betriebsanleitung Sicherheitsschalter NZ.H/P Operating Instructions Safety Switch NZ.H/P Manual de instrucciones Interruptores de seguridad NZ.H/P Mode d'emploi Interrupteur de sécurité NZ.H/P Istruzioni di impiego Finecorsa di sicurezza NZ.H/P	074550	10-12/15	 	2.1 MB
Инструкция по эксплуатации Предохранительный выключатель NZ.H/P	074550	10-12/15		0.6 MB
Návod na prevádzku Bezpečnostný spínač NZ.H/P	074550	10-12/15		0.4 MB

Catalogs

Position Switches according to EN 50041

	Doc. no.	Version	Language	Download
Positionsschalter nach EN 50041	076603	08-12/13		4.7 MB
Position Switches according to EN 50041	076643	08-12/13		4.6 MB
Interrupteurs de position selon EN 50041	111554	08-12/13		4.6 MB

Safety Switches with Metal Housing

	Doc. no.	Version	Language	Download
Sicherheitsschalter mit Metallgehäuse	100319	10-02/14		13.9 MB
Safety Switches with Metal Housing	100369	10-02/14		13.9 MB
Interrupteurs de sécurité avec boîtier métallique	100676	10-02/14		13.8 MB
Interruptores de seguridad con carcasa metálica	104856	10-02/14		13.7 MB







Bezpečnostní spínače s kovovým pouzdem

	Doc. no.	Version	Language	Download
Bezpečnostní spínače s kovovým pouzdem	121650	09-01/13		7.9 MB













Declaration of conformity

EC-Declaration of Conformity

Doc. no.	Version	Language	Download
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EG-Konformitätserklärung	077153	24-01/16		 1.1 MB
EC-Declaration of Conformity				
CE-Declaración de Conformidad				
CE-Déclaration de Conformité				
CE-Dichiarazione di conformità				

 ES prohlášení o shodě

	Doc. no.	Version	Language	Download
ES prohlášení o shodě	111196	06-01/16		 2.7 MB
EF-overensstemmelseserklæring				
Δήλωση πιστότητας EK				
EY-vaatimuksenmukaisuusvakuutus				
EK-típusbizonyítvány				
EG-conformiteitsverklaring				
Deklaracja zgodności WE				
Declaração de Conformidade CE				
Declarație de conformitate CE				
ES vyhlášení o zhode				
EF-overensstemmelseserklæring				

CAD data

CAD data for this item on TraceParts