

ITEM 091285 NG2RL-510L060

Description	Technical data	Accessories	Downloads
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Features

- › Plunger actuator RL (extended roller plunger)
- › Plug connector SR6
- › LED indicator

Switching element

510 Snap-action switching contact 1 NC + 1 NO

LED function display

A function display is available for the following voltage range:

- › 12-60 V AC/DC (standard) L060

Adjustment options

Horizontal 4 x 90°

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	Snap-action switching contact
Installation position	Any
Number of door position NC contacts	1
Number of door position NO contacts	1
Connection	1 x Plug connector SR6 ^[1]
Approach speed	max. 0,01 ... 20 m/min
Actuating element	Plain bearing metal Roller plunger ^[2]
Actuating force	15 ... 30 N

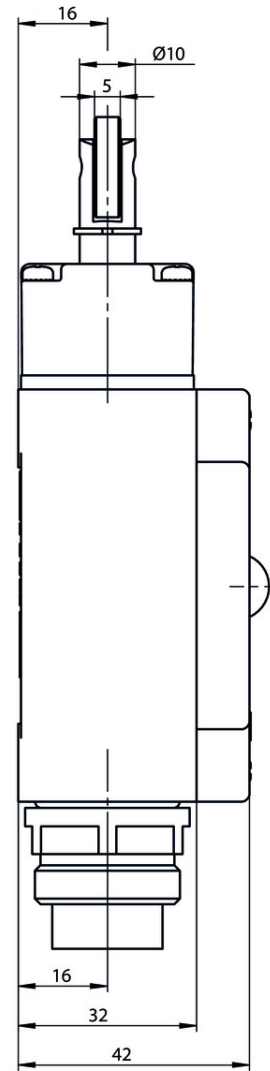
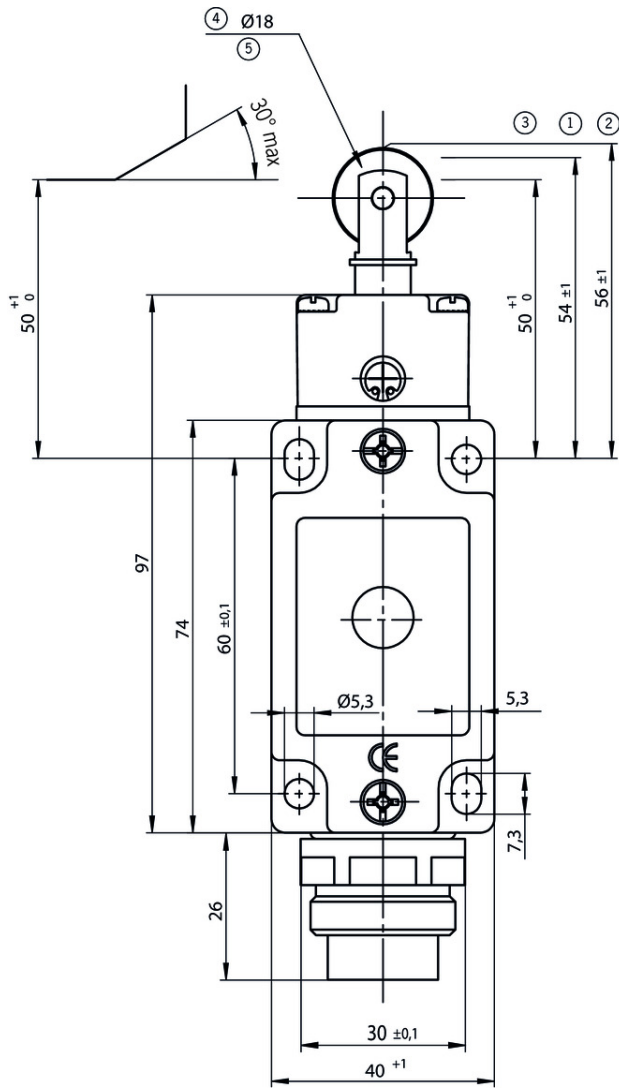
Electrical connection ratings

Rated thermal current I _{th}	6 A
Utilization category according to EN 60947-5-1	AC-15 6A 230V DC-13 6A 24V
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
Display module	AC/DC 12 ... 60 V 60 V LED red

^[1] 6-pin + PE

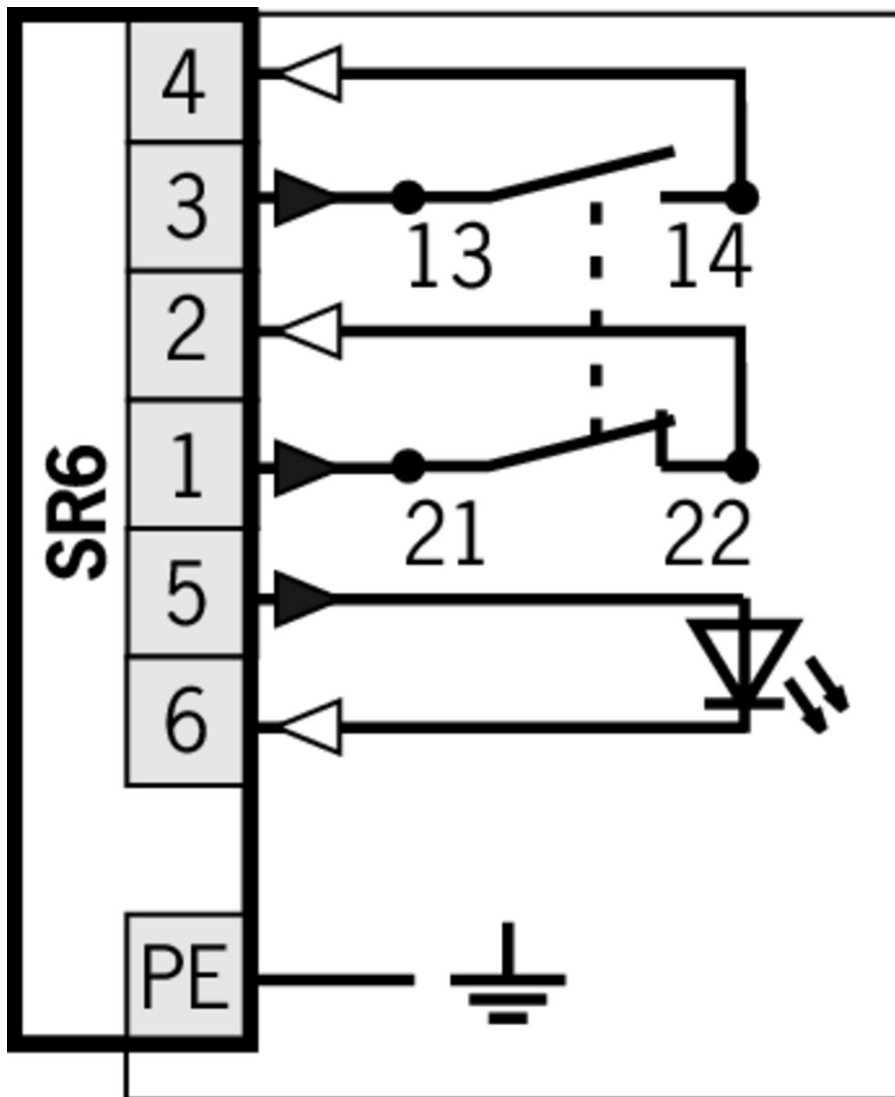
^[2] d roller = 18 mm

Dimension drawing



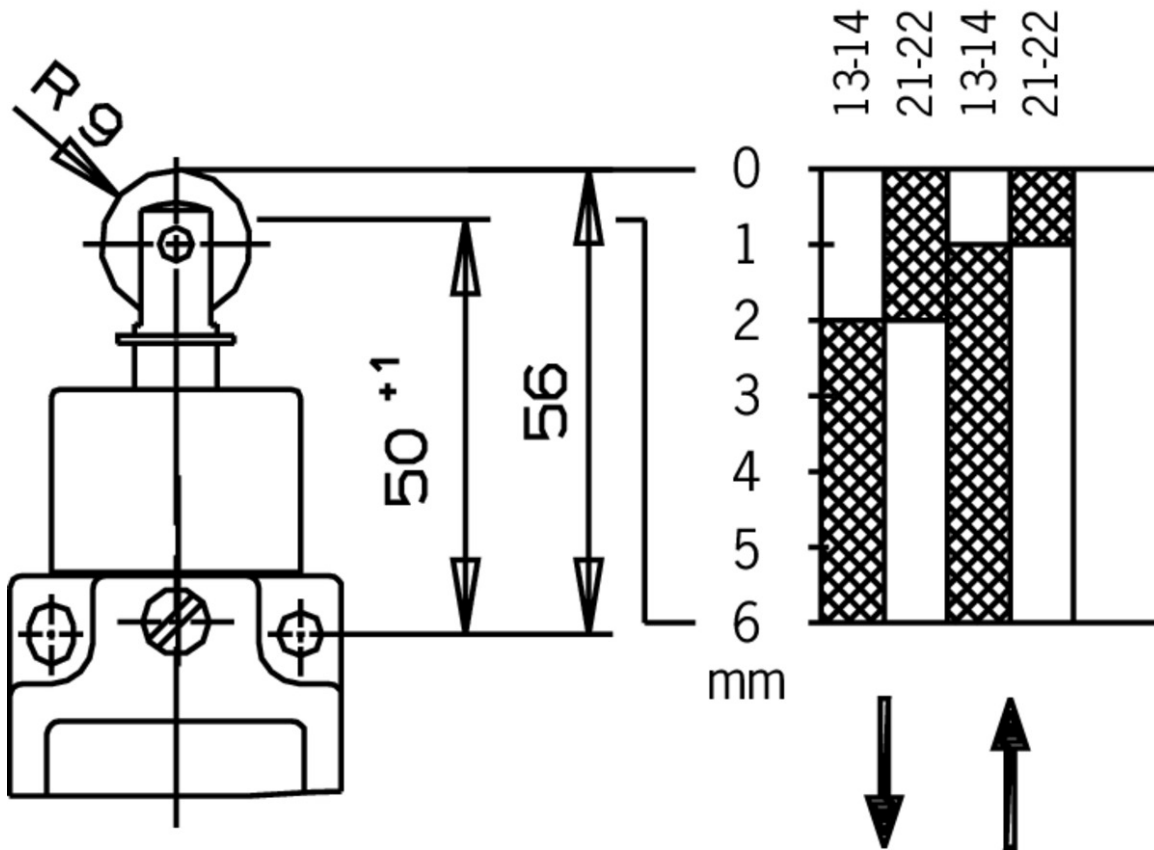
Legende

- 1 Operating point
- 2 Free position
- 3 End position
- 4 Roller
- 5 Steel roller





Travel diagram


ES510



Legende

-  Contacts closed
-  Contacts open

Connection material

-  Plug connector SR6




013176 SR6EF

-  Features

- › Crimp contacts
- › Coding shells



024999 SR6WFG11R

-  Features

- › Socket crimp contacts
 - › 6-pin+PE
 - › Contact carrier can be adjusted in 7 outlet directions
-

013178 SR6K

▼ Features

- › Coding for plug connector SR6
 - › Coding shells
-

087180 SR6AM2-M20

▼ Features

- › Crimp contacts
 - › Male socket
-

▼ Connection cable with plug connector SR6, 5m



077632 C-M26F07-07X1,0PU05,0-MA-077632

▼ Features

- › Female plug SR6, 6-pin + PE
 - › Straight plug connector
 - › PUR cable
 - › Cable length 5 m
 - › With flying lead
-

▼ Connection cable with plug connector SR6, 10m



077633 C-M26F07-07X1,0PU10,0-MA-077633

▼ Features

- › Female plug SR6, 6-pin + PE
 - › Straight plug connector
 - › PUR cable
 - › Cable length 10 m
 - › With flying lead
-

▼ Connection cable with plug connector SR6, 15m



077634 C-M26F07-07X1,0PU15,0-MA-077634

▼ Features

- › Female plug SR6, 6-pin + PE
 - › Straight plug connector
 - › PUR cable
 - › Cable length 15 m
 - › With flying lead
-

▼ Connection cable with plug connector SR6, 20m



098128 C-M26F07-07X1,0PU20,0-MA-098128

▼ Features

- › Female plug SR6, 6-pin + PE
- › Straight plug connector
- › PUR cable

- › Cable length 20 m
- › With flying lead

☑ Connection cable with plug connector SR6, 5m, angled



077638 C-R22F07-07X1,0PU05,0-MA-077638

☑ Features

- › Female plug SR6, 6-pin + PE
- › Angled plug connector
- › PUR cable
- › Cable length 5 m
- › With flying lead

☑ Connection cable with plug connector SR6, 10m, angled



077639 C-R22F07-07X1,0PU10,0-MA-077639

☑ Features

- › Female plug SR6, 6-pin + PE
- › Angled plug connector
- › PUR cable
- › Cable length 10 m
- › With flying lead

☑ Connection cable with plug connector SR6, 15m, angled



077640 C-R22F07-07X1,0PU15,0-MA-077640

☑ Features

- › Female plug SR6, 6-pin + PE
- › Angled plug connector
- › PUR cable
- › Cable length 15 m
- › With flying lead

Instructions

☑ Betriebsanleitung Positionsschalter NG...

	Doc. no.	Version	Language	Download
Betriebsanleitung Positionsschalter NG...	2032310	11-03/18		1.1 MB
Operating Instructions Position Switch NG...				
Mode d'emploi Interrupteurs de position NG...				
Istruzioni di impiego Finecorsa di posizione NG...				
Инструкция по эксплуатации Позиционные выключатели NG...	2032310	11-03/18		0.5 MB

CAD data

CAD data for this item on TraceParts