

NZ2RL-538L0605MDC (Order no. 105989)

Safety switch NZ.RL, extended roller plunger, steel roller ø 18 mm, plug connector M12

- ▶ Extended roller plunger, steel roller ø 18 mm
- ▶ Plug connector M12, 5-pin without PE
- ▶ 2 pos. driven contact
- ▶ LED indicator: AC/DC 12–60 V red



Approach direction



Horizontal

Can be adjusted in 90° steps

LED indicator

The switch has one freely assignable LED indicator.

Switching element

538 Slow-action switching contact 2 positively driven contacts 

Technical data

Approvals



Electrical connection values

Fuse	max. 4 A gG
Display module	
	AC/DC 12 ... 60 ... 60 V LED red
Rated insulation voltage U_i	250 V
Rated impulse voltage U_{imp}	2.5 kV
Operating voltage DC	max. 24 V DC
Utilization category	
	DC-13 4 A 24 V
Switching current	
	min. at DC 24V 1 mA
thermal rated current I_{th}	4 A

Mechanical values and environment

Anfahrsgeschwindigkeit	0.1 ... 20 m/min
Connection type	
	1 x Plug connector M12 (5-pin without PE)
Number of door position positively driven contacts	2
Actuating element	
	Slide bearing metal Roller plunger (d roller = 18 mm)
Actuating force	15 ... 30 N
Installation orientation	any
Storage temperature	-25 ... 80 °C
Mechanical life	30 x 10 ⁶

Switching principle	Slow-action switching contact
Degree of protection	IP65
Ambient temperature	-25 ... 80 °C

Material

Housing	Anodized die-cast alloy
Contact	Silver alloy, gold flashed

Characteristic values according to EN ISO 13849-1 and EN IEC 62061

	B10 _D	Mission time
Safe position sensing	2x10 ⁷	20 y
	Important! Values valid at DC-13 100 mA/24V	

Miscellaneous

Additional feature	(without earth conductor, special wiring)
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