

**NP1-638AS-MC1969 (Order no. 086160)**

## Technical data

### Approvals



### Electrical connection values

Fuse	max. 4 A gG
Connection cross section	0.34 ... 1.5 mm <sup>2</sup>
Rated insulation voltage $U_i$	250 V
Rated impulse voltage $U_{imp}$	2.5 kV
Utilization category	
	AC-15 4 A 230 V
	DC-13 4 A 24 V

### Switching voltage

min. at 10 mA 24 V

### Switching current

min. at 24 V 30 mA

thermal rated current  $I_{th}$  4 A

### Mechanical values and environment

Anfahrsgeschwindigkeit	max. 20 m/min
Approach direction	A
Connection type	
	1 x M20 x 1.5
Number of door position positively driven contacts	2
Extraction force	15 N
Actuation frequency	max. 7000 1/h
Actuating force	5 N
Installation orientation	any
Horizontal insertion depth	28 mm
Vertical insertion depth	29.5 mm

Storage temperature	-25 ... 80 °C
Mechanical life	1 x 10 <sup>6</sup>
Mounting type	Mounting according to EN50047
Retention force	2 N
Switching principle	Slow-action switching contact
Degree of protection	IP67
Ambient temperature	-20 ... 80 °C

## Material

Housing	Reinforced thermoplastic
Contact	Silver alloy, gold flashed

## Components included in the set

Included accessories	Cable gland included
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## Characteristic values according to EN ISO 13849-1 and EN IEC 62061

	B10 <sub>D</sub>	Mission time
Monitoring of the guard position	3x10 <sup>6</sup>	20 y
Important! Values valid at DC-13 100 mA/24V		

## Miscellaneous

C number	C1969	Cable gland included
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## In combination with actuator ACTUATOR-P-GNT

Horizontal overtravel	7 mm
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## In combination with actuator ACTUATOR-P-GT

Horizontal overtravel	2 mm
Vertical overtravel	1.5 mm