

**NZ1VZ-2131D-M (Order no. 137668)**

## 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 <sub>i</sub>	250 V
Rated impulse voltage U <sub>imp</sub>	2.5 kV
Utilization category	
	DC-13 4 A 24 V
	AC-15 4 A 230 V

### Switching voltage

min. at 10 mA 12 V

### Switching current

min. at 24 V 1 mA

thermal rated current I<sub>th</sub> 4 A

### Mechanical values and environment

Anfahrsgeschwindigkeit	max. 20 m/min
Approach direction	D
Connection type	
	1 x M20 x 1.5
Number of door position NO contacts	1
Number of door position positively driven contacts	3
Extraction force	35 N
Actuation frequency	max. 1200 1/h
Actuating force	35 N
Installation orientation	any
Insertion depth	52 mm

Storage temperature	-25 ... 80 °C
Mechanical life	2 x 10 <sup>6</sup>
Retention force	8 N
Switching principle	Slow-action switching contact
Degree of protection	IP67
Ambient temperature	-25 ... 80 °C
Material	
	Contact Silver alloy, gold flashed
	Housing Anodized die-cast alloy

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

	B10 <sub>D</sub>	Mission time
Monitoring of the guard position	4.5x10 <sup>6</sup>	20 y
Important! Values valid at DC-13 100 mA/24V		

### In combination with actuator ACTUATOR-Z-GN

Overtravel	16 mm
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### In combination with actuator ACTUATOR-Z-G

Overtravel	4 mm
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