

**NZ1DO-511-M (Order no. 088620)**

## Technical data

### Approvals



### Electrical connection values

Fuse	max. 6 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	
	AC-15 6 A 230 V
	AC-12 10 A 230 V
	DC-13 6 A 24 V
Switching current	
	min. at DC 24V 10 mA
thermal rated current I <sub>th</sub>	6 A

### Mechanical values and environment

Anfahrsgeschwindigkeit	0.1 ... 10 m/min
Connection type	
	1 x M20 x 1.5
Number of NO contacts	1
Number of door position positively driven contacts	1
Actuating element	Chisel plunger
Actuating force	15 ... 30 N
Installation orientation	any
Storage temperature	-25 ... 80 °C
Mechanical life	30 x 10 <sup>6</sup>
Contact bounce time	max. 3 ms

Switching principle	Snap-action switching contact (Contact closing time<4 Contact bounce time<3)				
Schließzeit	max. 4 ms				
Degree of protection	IP67				
Ambient temperature	-25 ... 80 °C				
Material	<table border="0"> <tr> <td>Contact</td> <td>Silver alloy, gold flashed</td> </tr> <tr> <td>Housing</td> <td>Anodized die-cast alloy</td> </tr> </table>	Contact	Silver alloy, gold flashed	Housing	Anodized die-cast alloy
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### Characteristic values according to EN ISO 13849-1 and EN IEC 62061

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