

N1AR508–MC2222 (Order no. 103221)

Single limit switch N1AR, roller plunger, cable entry M16 x 1.5

- ▶ Roller plunger, steel roller $\varnothing$ 8 mm
- ▶ Housing according to DIN 43693
- ▶ 2 x cable entry M16 x 1.5
- ▶ 1 pos. driven contact
- ▶ Low temperature down to -40°C



Approach direction



Horizontal

Can be adjusted in 90° steps

Low temperature

Version C2222 with silicone membrane and low temperature grease.

Switching element

508 Slow-action switching contact 1 positively driven contact $\rightarrow$

Technical data

Approvals



Electrical connection values

Fuse	max. 10 A gG
Connection cross section	0.34 ... 1.5 mm ²
Rated insulation voltage U_i	250 V
Rated impulse voltage U_{imp}	4 kV
Utilization category	
	DC-13 6 A 24 V
	AC-15 6 A 230 V
Switching current	
	min. at DC 24V 10 mA
thermal rated current I_{th}	10 A

Mechanical values and environment

Anfahrsgeschwindigkeit	0.01 ... 80 m/min
Connection type	
	2 x M16 x 1.5
Number of door position positively driven contacts	1
Design	Housing according to DIN 43693
Actuating element	
	Slide bearing Roller plunger
Actuating force	min. 15 N
Installation orientation	any
Storage temperature	-40 ... 80 °C
Mechanical life	
Switching principle	Slow-action switching contact
Degree of protection	IP67

Ambient temperature -40 ... 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

Monitoring of the guard position	
B _{10D}	20 x 10 ⁶

Miscellaneous

C number	
	C2222