

N1AD514AM-MC2222 (Order no. 110462)

Single limit switch N1A, chisel plunger, cable entry M16 x 1.5

- ▶ Chisel plunger
- ▶ Housing according to DIN 43693
- ▶ 2 x cable entry M16 x 1.5
- ▶ 1 pos. driven contact
- ▶ 1 NO contacts
- ▶ Plunger material stainless steel
- ▶ Low temperature down to -30°C
- ▶ With silicone diaphragm (internal and external) and low temperature grease



Approach direction



Horizontal

Can be adjusted in 90° steps

Switching element

⁵¹⁴ Snap-action switching contact, 1 positively driven contact $\oplus$ 1 NO contact

Technical data

Approvals



Electrical connection values

Fuse	max. 6 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	
	AC-15 2.5 A 230 V
	DC-13 6 A 24 V
Switching current	
	min. at DC 24V 5 mA
thermal rated current I_{th}	10 A

Mechanical values and environment

Anfahrsgeschwindigkeit	0.01 ... 40 m/min
Connection type	
	2 x M16 x 1.5
Number of switching elements	1
Number of NO contacts	1
Number of positively driven contacts	1
Design	Housing according to DIN 43693
Actuating element	Chisel plunger
Actuating force	min. 30 N
Installation orientation	any
Storage temperature	-30 ... 80 °C
Mechanical life	1 x 10 ⁶
Contact bounce time	max. 3 ms

Switching principle	Snap-action switching contact
Schließzeit	max. 5 ms
Degree of protection	IP67
Ambient temperature	−30 ... 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

Monitoring of the guard position	
B _{10D}	2 x 10 ⁶

Miscellaneous

C number	C2222
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Additional information Exterior diaphragm = AM.
 (The exterior diaphragm provides additional protection for the plunger guide. Plunger sticking, primarily caused by resinous lubricating coolants, can be prevented by this AM version.)