

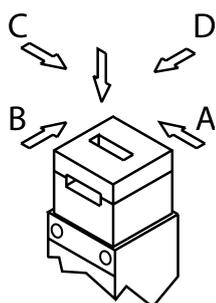
SGA1A-2121A-M (Order no. 103725)

Safety switch SGA, cable entry M20 x 1.5

- ▶ 3 x cable entry M20 x 1.5
- ▶ 4 pos. driven contact
- ▶ Switching disk made of metal



Approach direction



Horizontal and vertical
Can be adjusted in 90° steps

Switching element

2121 Slow-action switching contact 4 positively driven contacts (→)

Accessories required

Actuator is not included.

Technical data

Approvals



Electrical connection values

Fuse	max. 4 A gG	
Connection cross section	0.34 ... 1.5 mm ²	
Rated insulation voltage U _i	250 V	
Rated impulse voltage U _{imp}	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 _{th}	4 A	

Mechanical values and environment

Anfahrsgeschwindigkeit	max. 20 m/min	
Approach direction	A	
Connection type		
	3 x	M20 x 1.5
Number of door position positively driven contacts	4	
Extraction force	25 N	
Actuation frequency	max. 6700 1/h	
Actuating force	25 N	
Installation orientation	any	
Insertion depth	24.5 mm	
Storage temperature	-25 ... 80 °C	

Mechanical life	2 x 10 ⁶
Retention force	10 N
Switching principle	Slow-action switching contact
Degree of protection	IP67
Ambient temperature	-20 ... 80 °C

Material

Housing Die-cast alloy, cathodically dipped

Contact Silver alloy, gold flashed

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

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

In combination with actuator ACTUATOR-S-GT-SN

Overtravel	5 mm
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