

**RGBF02D16-514-MC2313 (Order no. 109970)**

## Technical data

### Approvals



### Electrical connection values

Fuse	max. 4 A gG	
Rated insulation voltage $U_i$	50 V	
Rated impulse voltage $U_{imp}$	1.5 kV	
Utilization category	AC-15	2.5 A 30 V
	DC-13	4 A 24 V
Switching current	min. at DC 24V min. 5 mA	

### Mechanical values and environment

Anfahrgeschwindigkeit	0.01 ... 40 m/min	
Connection type	2 x plug connector M12 (5-pin, angle plug connector: cable outlet adjustable, max. 270°. Default setting for cable outlet to the rear.)	
Number of switching elements	2	
Number of NO contacts	2	
Number of positively driven contacts	2	
Design	upright, according to DIN 43697	
Actuating element	Chisel plunger	
Actuating force	min. 30 N	
Installation orientation	any	
Storage temperature	-25 ... 80 °C	
Mechanical life	1 x 10 <sup>6</sup>	
Contact bounce time	max. 3 ms	
Switching principle	Snap-action switching contact	
Schließzeit	max. 5 ms	

Degree of protection	IP67 (only screwed tight with the related mating connector)
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Plunger spacing	16 mm
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Ambient temperature	-5 ... 80 °C
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Material

Housing	Die-cast aluminum, anodized
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Contact	Silver alloy, gold flashed
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### Characteristic values according to EN ISO 13849-1 and EN IEC 62061

B <sub>10D</sub>	2 x 10 <sup>6</sup>
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### Miscellaneous

C number
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