

**SGP1H-3131C-M (Order no. 125539)**

## Technical data

### Approvals



### Electrical connection values

Fuse	max. 4 A gG
Connection cross section	0.34 ... 1.5 mm <sup>2</sup>
Rated insulation voltage $U_i$	250 V
Rated impulse voltage $U_{imp}$	2.5 kV
Utilization category	
	AC-15 4 A 230 V
	DC-13 4 A 24 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	C
Connection type	
	3 x M20 x 1.5
Number of door position NO contacts	2
Number of door position positively driven contacts	2
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 <sup>6</sup>
Retention force	10 N
Switching principle	Slow-action switching contact
Degree of protection	IP67
Ambient temperature	-20 ... 80 °C
Material	
	Contact Silver alloy, gold flashed
	Housing Reinforced thermoplastic

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

	B10 <sub>D</sub>	Mission time
Monitoring of the guard position	3x10 <sup>6</sup>	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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