

**SGP-TW-3E-538ACSM8 (Order no. 105987)**

## Technical data

### Approvals



### Electrical connection values

Fuse	max. 1 A gG
Rated insulation voltage $U_i$	30 V
Rated impulse voltage $U_{imp}$	1.5 kV
Utilization category	
	DC-13 1 A 24 V
	AC-15 1 A 24 V
Switching voltage	
	min. at 10 mA 12 V
Switching current	
	min. at 24 V 1 mA
thermal rated current $I_{th}$	1 A

### Mechanical values and environment

Anfahrsgeschwindigkeit	max. 20 m/min
Approach direction	A and C (two actuating heads)
Connection type	
	1 x Plug connector M12 (8-pin)
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	1 x 10 <sup>6</sup>
Retention force	10 N
Switching principle	Slow-action switching contact
Degree of protection	IP65
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	2x10 <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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