

**STP3D-2131D024SM8C2260 (Order no. 113816)**

## Technical data

### Approvals



### Electrical connection values

Fuse	max. 1 A gG
Power consumption	8 W
Rated insulation voltage $U_i$	30 V
Utilization category	
	DC-13 1 A 24 V
	AC-15 1 A 24 V
Solenoid operating voltage	
	AC/DC 24 V -15% ... +10%
Solenoid duty cycle	100 %
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

Anfahrgeschwindigkeit	max. 20 m/min
Approach direction	D
Connection type	
	1 x Plug connector M12 (8-pin)
Number of door position NC contacts	1
Number of guard lock monitoring NO contacts	1
Number of guard lock monitoring positively driven contacts	2

Extraction force	30 N
Actuation frequency	max. 1200 1/h
Actuating force	35 N
Installation orientation	any
Storage temperature	-25 ... 70 °C
Mechanical life	1 x 10 <sup>6</sup>
Retention force	20 N
Switching principle	Slow-action switching contact
Degree of protection	IP67
Ambient temperature	-20 ... 55 °C
Material	
	Housing Reinforced thermoplastic
	Contact Silver alloy, gold flashed
Locking force F <sub>max</sub>	2500 N
Locking force F <sub>Zh</sub>	2000 N
Guard locking principle	Closed-circuit current principle

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

	B10 <sub>D</sub>	Mission time
Guard lock monitoring	5x10 <sup>6</sup>	20 y
	Important! Values valid at DC-13 100 mA/24V	

	PL	Maximum SIL	Category	Mission time
Control of guard locking	Depending on external control of guard locking			20 y

## Miscellaneous

C number	C2260	customer-specific wiring, with short escape release, insertion funnel
----------	-------	---