

**TP4-2131A024SFM5C2104 (Order no. 096153)**

## Technical data

### Approvals



### Electrical connection values

Fuse	max. 2 A gG	
Power consumption	8 W	
Rated insulation voltage $U_i$	50 V	
Rated impulse voltage $U_{imp}$	2.5 kV	
Utilization category		
	DC-13	2 A 24 V
	AC-15	2 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 $I_{th}$	2 A	

### Mechanical values and environment

Anfahrgeschwindigkeit	max. 20 m/min	
Connection type		
	2 x	Plug connector M12 (5-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	20 N	

Actuation frequency	max. 1200 1/h
Actuating force	10 N
Installation orientation	any
Storage temperature	-25 ... 70 °C
Mechanical life	1 x 10 <sup>6</sup>
Retention force	10 N
Switching principle	Slow-action switching contact
Degree of protection	IP67
Ambient temperature	-20 ... 55 °C
Material	
	Contact Silver alloy, gold flashed
	Housing Reinforced thermoplastic
Locking force F <sub>max</sub>	1300 N
Locking force F <sub>Zh</sub>	1000 N
Guard locking principle	Open-circuit current principle

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

	B10 <sub>D</sub>	Mission time
Guard lock monitoring	3x10 <sup>6</sup>	20 y
Important! Values valid at DC-13 100 mA/24V		

## Miscellaneous

C number	C2104 Customer-specific wiring (daisy chain)
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## In combination with actuator ACTUATOR-P-GNT

Horizontal overtravel	7 mm
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## In combination with actuator ACTUATOR-P-GT

Horizontal overtravel	2 mm
Vertical overtravel	1.5 mm