

TP4-4141A024SM8C1986 (Order no. 099857)

Technical data

Approvals



Electrical connection values

Fuse	max. 1 A gG	
Power consumption	8 W	
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
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	
Connection type		
	1 x	Plug connector M12 (8-pin)
Number of door position positively driven 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 ⁶
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
Guard locking principle	Open-circuit current principle

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

	B10 _D	Mission time
Monitoring of the guard position	3x10 ⁶	20 y
	Important! Values valid at DC-13 100 mA/24V	
Guard lock monitoring	3x10 ⁶	20 y
	Important! Values valid at DC-13 100 mA/24V	

Miscellaneous

C number	
	C1986 Customer-specific wiring