

TZ1LE024SEM4AS1-C2175 (Order no. 099764)

Technical data

Approvals



Electrical connection values

ASI operating current	max. 45 mA
AS-Interface auxiliary voltage	20.4 ... 24 ... 26.4 V
Auxiliary current AS-Interface	350 mA
AS-Interface LED	
	green Power
	red Fault
AS-Interface protocol	ASi-3
ASI data out	D0 = control of guard locking, D1 = red LED, D2 = green LED
ASI data in	D0, D1 = door position, D2, D3 = guard locking
AS-Interface slave type	ID-Code: B, EA-Code: 7
ASI voltage	22.5 ... 30 ... 31.6 V
Solenoid duty cycle	100 %

Mechanical values and environment

Anfahrsgeschwindigkeit	max. 20 m/min
Approach direction	
Actuating head left	C
Connection type	
	1 x Plug connector M12 (4-pin)
Number of door position positively driven contacts	
	according to AS-i Safety at Work
Number of guard lock monitoring positively driven contacts	
	according to AS-i Safety at Work

	D2,D3 (1 = locked)
Extraction force	30 N
Actuation frequency	max. 1200 1/h
Actuating force	35 N
Installation orientation	any
Insertion depth	52 mm
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	-25 ... 55 °C
Material	
	Housing Anodized die-cast alloy
	Contact Silver alloy, gold flashed
Guard locking principle	Closed-circuit current principle

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

	B10 _D	Mission time
Guard lock monitoring	3x10 ⁶	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	
	C2175 Plug connector bottom left