

**MGB-L2B-PNA-L-158944 (Order no. 158944)**

## Technical data

### Approvals



### Workspace

Secured switch-off distance  $s_{ar}$

Only with sliding door 20 mm

(Only applies for use on sliding doors with deactivated guard lock monitoring)

### Operating and display elements

Occupancy diagram

L0

B1

Item	Color	Extras	Note slide-in label	Version	Switching element	Slide-in label	Number	Designation1	LED
90				Illuminated pushbutton	1NO				
93				Machine stop	2 PD				
95				Illuminated pushbutton	1NO				

### Electrical connection values

Connecting cable

Ethernet Profinet I/O cable, at least cat. 5e

Rated insulation voltage  $U_i$  75 V

Rated impulse voltage  $U_{imp}$  0.5 kV

EMC protection requirements In accordance with EN 61000-4 and EN 61326-3-1

maximum feed-in current in the connection block

X1, X2 max. 4000 mA

Safety class III

Current consumption	max. 500 mA
Transponder coding	Unicode
Degree of contamination (external, according to EN 60947-1)	3

### Power supply X1

Fuse		
	external	min. 1 A slow blow

#### Operating voltage DC

L1 24 V DC -15% ... +10%

((reverse polarity protected, regulated, residual ripple<5%, PELV))

#### Auxiliary voltage DC

L2 24 V DC -15% ... +10%

(The auxiliary voltage is not required for the MGB system)

### Power supply X2

Operating voltage DC		
	L1	24 V DC -15% ... +10%
		(For looping through for connected devices)

#### Auxiliary voltage DC

L2 24 V DC -15% ... +10%

(For looping through for connected devices)

## Mechanical values and environment

Connection type		
according to IEC 61076-3-117, variant 14, screened, Profinet I/O cable, at least cat. 5e	Push-pull RJ45	
		(X3 (The document PROFINET 'Cabling and Interconnection Technology' from the PNO aids in the correct selection of cables.))
	Push-pull power	
		(X2 (The document PROFINET 'Cabling and Interconnection Technology' from the PNO aids in the correct selection of cables.))
according to IEC 61076-3-117, variant 14, screened, Profinet I/O cable, at least cat. 5e	Push-pull RJ45	
		(X4 (The document PROFINET 'Cabling and Interconnection Technology' from the PNO aids in the correct selection of cables.))
	Push-pull power	
		(X1 (The document PROFINET 'Cabling and Interconnection Technology' from the PNO aids in the correct selection of cables.))