

MGB-L1B-PNA-L-157005 (Order no. 157005)

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

B1

L1

Item	Color	Extras	Note slide-in label	Version	Switching element	Slide-in label	Number	Designation1	LED
1				Emergency stop	2 PD				
2	white	printed		Illuminated pushbutton	1NO				
3	red			Illuminated pushbutton	1NO				
4	green	printed		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)
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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 61076-2-101, Profinet I/O cable, at least cat. 5e	M12, D-coded, screened (X3 (The document PROFINET 'Cabling and Interconnection Technology' from the PNO aids in the correct selection of cables.))
		7/8" Power (X2 (The document PROFINET 'Cabling and Interconnection Technology' from the PNO aids in the correct selection of cables.))
	according to IEC 61076-2-101, Profinet I/O cable, at least cat. 5e	