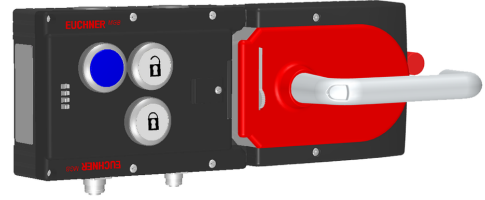


MGB-L1HE-APA-R-156002 (Order no. 156002)

Locking set MGB-L1HE-APA..., (guard locking by spring force) with 3 pushbuttons, 2 x M12

- ▶ Guard locking with guard lock monitoring
- ▶ 3 pushbuttons (illuminated, bu wh, wh)
- ▶ With plug connector M12, 5-pin
- ▶ With plug connector M12, 8-pin
- ▶ With escape release
- ▶ Unicode
- ▶ Connection for Bihl-Wiedemann modules BW 3376 and BW 3377



Guard locking type

MGB- The locking arm is held in the locked position by spring force and is unlocked by solenoid force
L1... (closed-circuit current principle, mechanically locked).

Door hinge

A mechanical door stop is permanently integrated into the evaluation module of the MGB. A marking on the stop makes adjustment easier.

LED indicator

The LED indicator indicates all important system and status information.

Monitoring outputs

OT Bolt tongue inserted into the evaluation module

OI Diagnostics; there is a fault

Pushbuttons

S1 1 NO contact, illuminated

S2 1 NO contact, illuminated

S3 1 NO contact, illuminated

Escape release

The escape release enables people accidentally shut in to open the guard locked door from the danger zone.

Technical data

Approvals



Handle modules MGB-H-AA1A1-R-100464 (Order no. 100464)

Mechanical values and environment

Installation orientation	Door hinge DIN right
Storage temperature	-25 ... 70 °C
Degree of protection	IP65
Ambient temperature	-20 ... 55 °C
Material	
	Housing Fiber glass reinforced plastic, nickel-plated die-cast zinc, stainless steel

Miscellaneous

Product version number	V3.0.0
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Escape release MGB-E-A-100465 (Order no. 100465)



Mechanical values and environment

Installation orientation	any
Storage temperature	-30 ... 70 °C
Mechanical life	1 x 10 ⁶
Ambient temperature	-30 ... 55 °C
Material	
	Housing Die-cast zinc/stainless steel, powder-coated

Miscellaneous

Product version number V2.0.0



Locking modules MGB-L1-APA-AD3A1-S9-R-155999 (Order no. 155999)

Operating and display elements

Occupancy diagram L1

Item	Color	Extras	Note slide-in label	Version	Switching element	Slide-in label	Number	Designation1	LED
1	blue			Illuminated pushbutton	1NO				
2	white	printed		Illuminated pushbutton	1NO				
3	white	printed		Illuminated pushbutton	1NO				

Electrical connection values

Rated insulation voltage U_i 30 V

Rated impulse voltage U_{imp} 1.5 kV

Discrepancy time

between FO1A and FO1B max. 10 ms

Utilization category

DC-13 24V 200mA

(Caution: outputs must be protected with a free-wheeling diode in case of inductive loads.)

Risk time according to EN 60947-5-3 max. 350 ms

Safety class III

Transponder coding Unicode

Degree of contamination (external, according to EN 60947-1) 3

Solenoid control input IMP1, IMP2, IMM

Test pulse duration max. 5 ms

Test pulse interval min. 100 ms