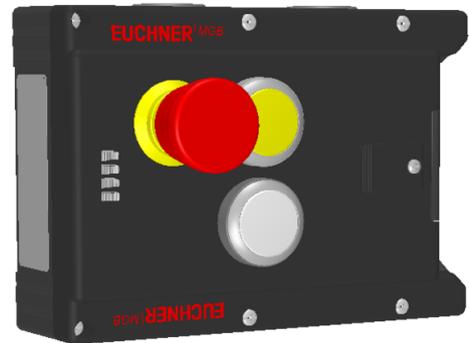


MGB-L1-ARA-AB8A1-M-110219 (Order no. 110219)

Locking module MGB-L1-ARA..., (guard locking by spring force) with 2 pushbuttons, emergency stop

- ▶ Guard locking with guard lock monitoring
- ▶ Can be connected in series with other AR devices (e.g. CES-AR and CET-AR)
- ▶ Emergency stop according to ISO 13850
- ▶ 2 pushbuttons (illuminated, ye, wh)
- ▶ With cable entry
- ▶ Unicode



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

- OD ON when the door is closed
- OT Bolt tongue inserted into the evaluation module
- OL Guard locking solenoid in locked position
- OI Diagnostics; there is a fault

Emergency stop device

S1 2 positively driven contacts and 1 NO contact (e.g. monitoring contact), emergency stop with turn-to-reset, not illuminated

Pushbuttons

- S2 1 NO contact, yellow, illuminated
- S3 1 NO contact, white, illuminated

Technical data

Approvals



Operating and display elements

Occupancy diagram L1

Item	Color	Extras	Note slide-in label	Version	Switching element	Slide-in label	Number	Designation1	LED
1		with monitoring contact		Emergency stop	2 PD + 1 NO				
2	yellow			Illuminated pushbutton	1NO				
3	white			Illuminated pushbutton	1NO				

Electrical connection values

Connection cross section

(rigid/flexible) with cable end sleeve according to DIN 46 228/1	0.25 ... 1.5 mm ²
(rigid/flexible) with cable end sleeve with collar according to DIN 46 228/1	0.25 ... 0.75 mm ²
(rigid/flexible)	0.13 ... 1.5 mm ² (AWG 24 ... AWG 16))

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.)