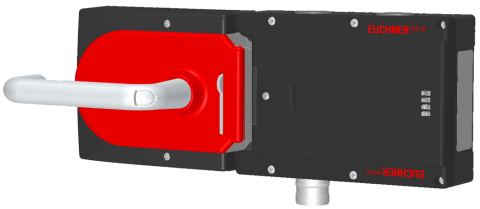
MGB-L1H-ARA-L-111073 (Order no. 111073)

Locking set MGB-L1H-ARA... (guard locking by spring force) without control or indicator, RC18

- Guard locking with guard lock monitoring
- Can be connected in series with other AR devices (e.g. CES-AR and CET-AR)
- With plug connector RC18
- Unicode



Guard locking type

MGB-L1...	The locking arm is held in the locked position by spring force and is unlocked by solenoid force (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

Technical data

Approvals

Handle modules MGB-H-AA1A1-L-106619 (Order no. 106619)

Mechanical values and environment

Installation orientation	Door hinge DIN left
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

Locking modules MGB-L1-ARA-AA1A1-S1-L-111074 (Order no. 111074)

Operating and display elements

Occupancy diagram	L0

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
Risk time according to EN 60947-5-3, extension for each additional device	max. 5 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
	Monitoring outputs OD, OT, OL, OI
Output type	Semiconductor outputs, p-switching, short circuit-proof
Output voltage	UA-2V ... UA V DC (Value at a switching current of 50mA without taking into account the cable lengths)
Output current	max. 50 mA
	Safety outputs FO1A, FO1B
Output type	Semiconductor outputs, p-switching, short circuit-proof
Output voltage	
U_{FO1A} /U_{FO1B} LOW	0 ... 1 V DC
U_{FO1A} /U_{FO1B} HIGH	UB-2V ... UB V DC (Value at a switching current of 50mA without taking into account the cable lengths)
Output current	
per safety output FO1A / FO1B	1 ... 200 mA
Test pulse duration	max. 1 ms
Test pulse interval	min. 100 ms
	Power supply U_A
Operating voltage DC	
U_A	