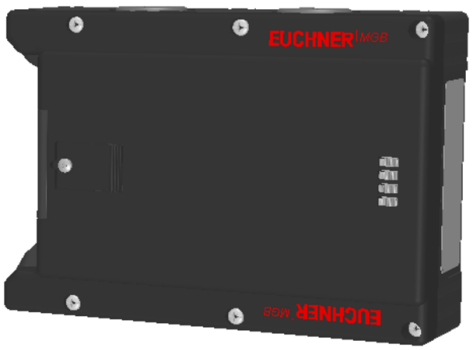
MGB-L1-ARA-AA1A1-M-104302 (Order no. 104302)

Locking module MGB-L1-ARA... (guard locking by spring force) without controls or indicators

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

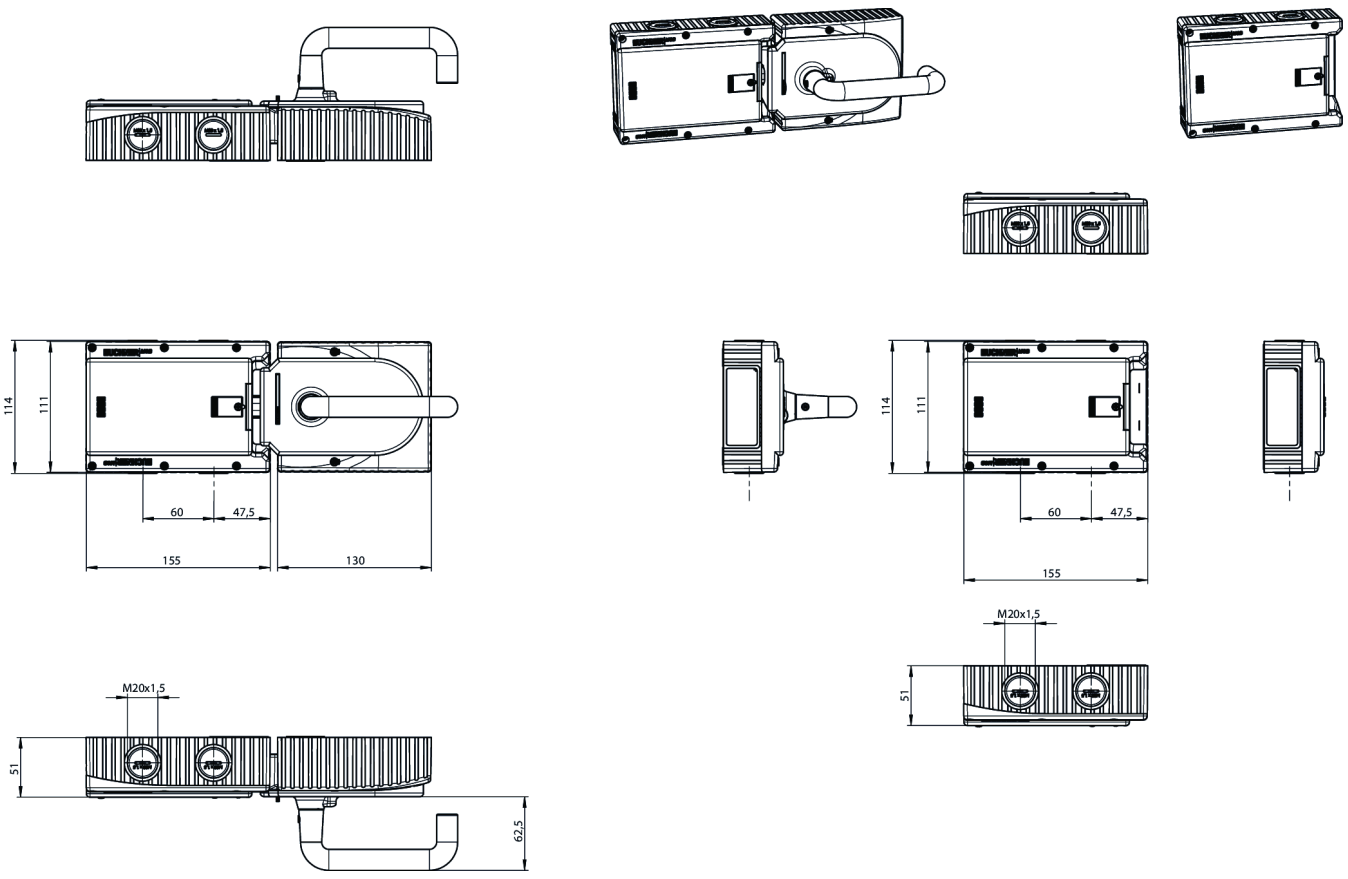
LED indicator

The LED indicator indicates all important system and status information.

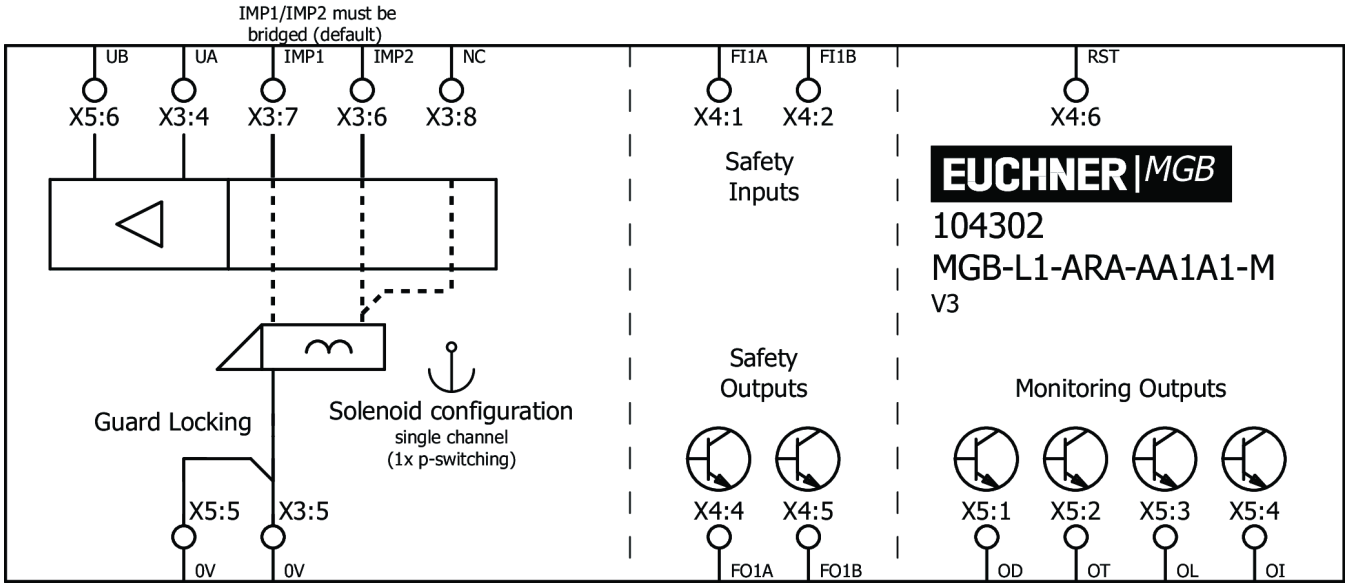
Monitoring outputs

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

Dimensional drawings



Connection examples



Technical data

Approvals

Operating and display elements

Occupancy diagram	L0

Electrical connection values

Connection cross section	
(rigid/flexible) with cable end sleeve according to DIN 46 228/1	0.25 ... 1.5 mm²
(rigid/flexible) with cable end sleeve with collar according to DIN 46 228/1	0.25 ... 0.75 mm²
(rigid/flexible)	0.13 ... 1.5 mm² ((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.)
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