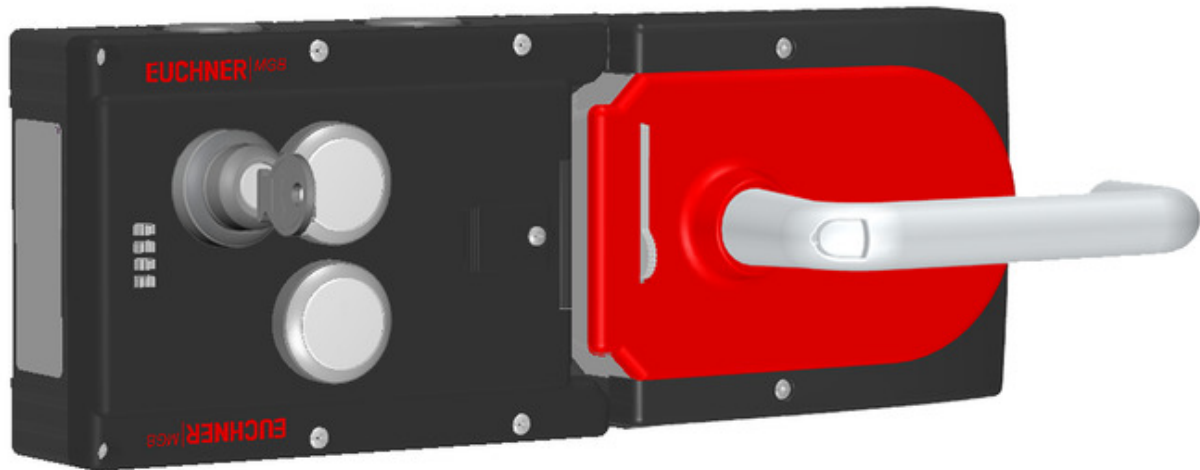


## ITEM 121420 MGB-L1H-ARA-R-121420

| Description | Technical data | Accessories | Downloads |
|-------------|----------------|-------------|-----------|
|-------------|----------------|-------------|-----------|



### Features

- › Guard locking with guard lock monitoring
- › Can be connected in series with other AR devices (e.g. CES-AR and CET-AR)
- › Key-operated switch (form L, 90°)
- › 2 pushbuttons (illuminated)
- › With lens set, 6 pcs.
- › With cable entry
- › Unicode
- › Degree of protection IP 54

### Guard locking type

**MGB-** The locking arm is held in the locked position by spring force and is  
**L1...** 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 in the evaluation module
  - OL** Guard locking solenoid in locked position
  - OI** Diagnostics; there is a fault
- 

### Key-operated rotary switch

- S1** Key-operated rotary switch with 2 positions (form L, 90°). The key latches in both positions and can be removed in both positions.
- 

### Pushbutton

- S2** 1 NO contact, illuminated
  - S3** 1 NO contact, illuminated
- 

### Lens set

The color of the pushbutton can be selected using the lens set included (5 colors). Item no.: 120344 (see Accessories)

### Components included in the set

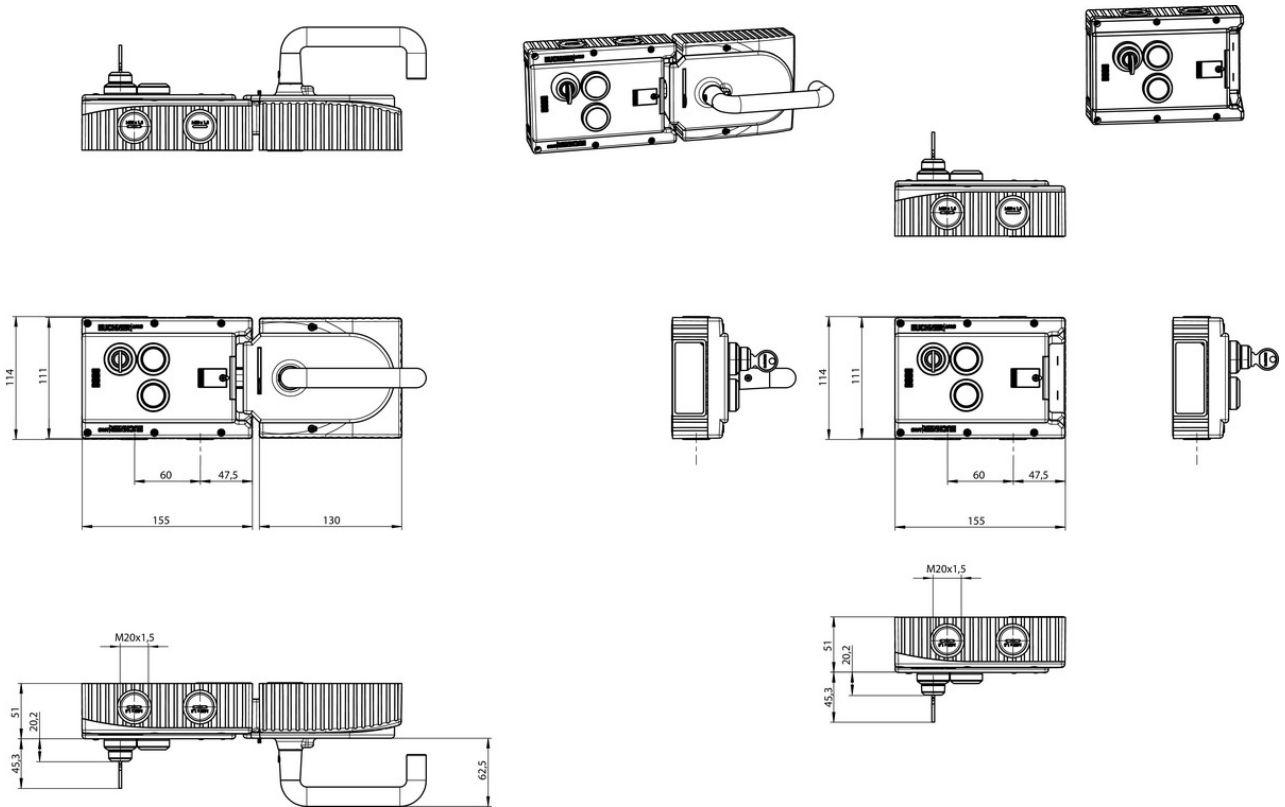


- 121419 Locking module MGB-L1-ARA-AN3A1-M-R-121419
  - Features
- 

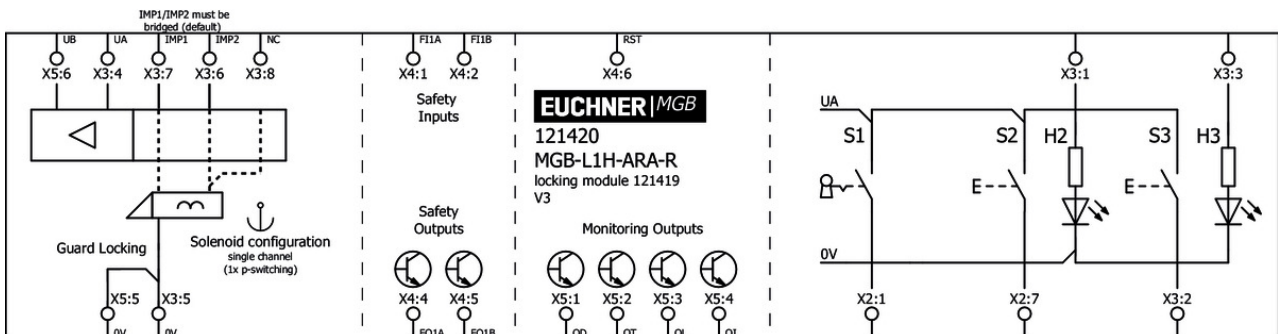


- 100464 Handle module MGB-H-AA1A1-R-100464
  - Features
-

## Dimension drawing



## Cable entry



## Spare parts

- Handle module MGB-H...



**100464** MGB-H-AA1A1-R-100464

- Features

- › Intelligent bolt tongue
- › Lockout bar
- › Door handle

- Locking module MGB-L1-ARA..., (guard locking by spring force) with 2 push buttons, key-operated rotary switch, IP54

**121419** MGB-L1-ARA-AN3A1-M-R-121419



✓ Features

- › Guard locking with guard lock monitoring
  - › Can be connected in series with other AR devices (e.g. CES-AR and CET-AR)
  - › Key-operated switch (form L, 90°)
  - › 2 pushbuttons (illuminated)
  - › With lens set, 6 pcs.
  - › With cable entry
  - › Unicode
  - › Degree of protection IP 54
- 

## Function expansion

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✓ Escape release MGB-E-A...



**100465** MGB-E-A-100465

✓ Features

- › Escape release from the danger zone
  - › Door handle signal red
  - › Extended actuation axis for thicker doors (available optionally)
- 

✓ Door knob for MGB-H...



**111460** MGB-A-DOORKNOB-S1-111460

✓ Features

- › Aluminum, silver anodized
  - › For mounting on all MGB handle modules MGB-H... up to V2.0.0
  - › e.g. on sliding doors
- 



**124030** MGB-A-DOORKNOB-S2-124030

✓ Features

- › Aluminum, silver anodized
  - › For mounting on all MGB handle modules MGB-H... from V3.0.0
  - › e.g. on sliding doors
- 

✓ Emergency unlocking for safety system MGB



**112989** MGB-A-EMERGENCYRELEASE-112989

✓ Features

- › Quick emergency unlocking
  - › sealable
- 

✓ Door handle for MGB-H...



**110277** MGB-A-DOORHANDLE-S1-110277

✓ Features

- › Aluminum silver anodized
  - › For mounting on all MGB handle modules MGB-H up to V2.0.0
- 

**123926** MGB-A-DOORHANDLE-S2-123926



✓ Features

- › Aluminum silver anodized
- › For mounting on all MGB handle modules MGB-H from V3.0.0

## Mounting accessories

✓ Mounting plate for evaluation modules MGB-L.-AR.-... and MGB-L.-AP.-...



**109490** MGB-A-MOUNTINGPLATE-L-109490

✓ Features

- › Easy and quick mounting (only two screws required)
- › Quick module replacement
- › Steel, powder-coated
- › Suitable for doors hinged on the right or left

✓ Mounting plate for all MGB handle modules



**109491** MGB-A-MOUNTINGPLATE-H-109491

✓ Features

- › Easy and quick mounting (only two screws required)
- › Quick module replacement
- › Steel, powder-coated
- › Suitable for doors hinged on the right or left

## Miscellaneous accessories

✓ Lens set labeled



**120377** AY-SET-LNS-SY01-120377



**125359** AY-SET-LNS-SY02-125359



**126158** AY-SET-LNS-SY03-126158

✓ Lens set 6 colors



**120378** AY-SET-LNS-0002-120378

✓ Lens set 5 colors



**120344** AY-SET-LNS-0001-120344

✓ Lens set, three colors



## Connection material

### ▼ Built-in connector RC18

#### **120403** MGB-A-PLUGCONNECTOR-RC18-120403











##### ▼ Features

- › For all MGB with cable entry

## Instructions

### ▼ Návod k použití – bezpečnostní systémy MGB-L1...AR.-... / MGB-L2...AR.-... a MGB-L1...AP.-... / MGB-L2...AP.-... od V3.0.0

|                                                                                                                            | Doc. no. | Version  | Language | Download |
|----------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|
| Betriebsanleitung MGB-L1...AR.-... / MGB-L2...AR.-... und MGB-L1...AP.-... / MGB-L2...AP.-... ab V3.0.0                    | 2119167  | 04-05/18 |          | 3.7 MB   |
| Mode d'emploi MGB-L1...AR.-... / MGB-L2...AR.-... et MGB-L1...AP.-... / MGB-L2...AP.-... à partir de V3.0.0                | 2119167  | 04-05/18 |          | 3.7 MB   |
| Manual de instrucciones MGB-L1...AR.-... / MGB-L2...AR.-... y MGB-L1...AP.-... / MGB-L2...AP.-... V3.0.0 o superior        | 2119167  | 04-05/18 |          | 3.7 MB   |
| Návod k použití – bezpečnostní systémy MGB-L1...AR.-... / MGB-L2...AR.-... a MGB-L1...AP.-... / MGB-L2...AP.-... od V3.0.0 | 2119167  | 04-05/18 |          | 4.0 MB   |
| Operating Instructions MGB-L1...AR.-... / MGB-L2...AR.-... and MGB-L1...AP.-... / MGB-L2...AP.-... from V3.0.0             | 2119167  | 04-05/18 |          | 3.7 MB   |
| Istruzioni di impiego MGB-L1...AR.-... / MGB-L2...AR.-... und MGB-L1...AP.-... / MGB-L2...AP.-... da V3.0.0                | 2119167  | 04-05/18 |          | 3.7 MB   |
| Handleiding MGB-L1...AR.-... / MGB-L2...AR.-... en MGB-L1...AP.-... / MGB-L2...AP.-... vanaf V3.0.0                        | 2119167  | 04-05/18 |          | 3.7 MB   |
| Instrukcja obsługi MGB-L1...AR.-... / MGB-L2...AR.-... i MGB-L1...AP.-... / MGB-L2...AP.-... od V3.0.0                     | 2119167  | 04-05/18 |          | 4.0 MB   |
| Manual de instruções MGB-L1...AR.-... / MGB-L2...AR.-... e MGB-L1...AP.-... / MGB-L2...AP.-... a partir de V3.0.0          | 2119167  | 04-05/18 |          | 3.7 MB   |
| Инструкция по эксплуатации MGB-L1...AR.-... / MGB-L2...AR.-... и MGB-L1...AP.-... / MGB-L2...AP.-... с V3.0.0              | 2119167  | 04-05/18 |          | 4.2 MB   |

|                                                                                                                             |         |          |                                                                                     |                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------|---------|----------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Návod na prevádzku Bezpečnostné systémy MGB-L1...AR.-... / MGB-L2...AR.-... a MGB-L1...AP.-... / MGB-L2...AP.-... od V3.0.0 | 2119167 | 04-05/18 |   |  4.0 MB  |
| Instruktionsbok MGB-L1...AR.-... / MGB-L2...AR.-... och MGB-L1...AP.-... / MGB-L2...AP.-... fr. V3.0.0                      | 2119167 | 04-05/18 |  |  3.7 MB |
| İşletim kılavuzu MGB-L1...AR.-... / MGB-L2...AR.-... ve MGB-L1...AP.-... / MGB-L2...AP.-... itibaren V3.0.0                 | 2119167 | 04-05/18 |  |  4.1 MB |
| 操作指示書 安全システム MGB-L1...-AR.-... / MGB-L2...-AR.-... および MGB-L1...-AP.-... / MGB-L2...-AP.-... V3.0.0以降                       | 2119167 | 04-05/18 |  |  4.1 MB |
| 使用说明书 安全系统 MGB-L1...-AR.-... / MGB-L2...-AR.-...和MGB-L1...-AP.-... / MGB-L2...-AP.-... V3.0.0以上                             | 2119167 | 04-05/18 |  |  4.1 MB |







 **Sicherheitsinformation (Teil der Betriebsanleitung Sicherheitssystem MGB-AR/MGB-AP) ab V3.0.0**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Doc. no.</b> | <b>Version</b> | <b>Language</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Download</b>                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Sicherheitsinformation (Teil der Betriebsanleitung Sicherheitssystem MGB-AR/MGB-AP) ab V3.0.0<br>Información de seguridad (parte del manual de instrucciones Sistema de seguridad MGB-AR/MGB-AP) V3.0.0 o superior<br>Information de sécurité (partie du mode d'emploi Système de sécurité MGB-AR/MGB-AP) à partir de V3.0.0<br>Informazioni sulla sicurezza (Parte delle istruzioni di impiego Sistema di sicurezza MGB-AR/MGB-AP) da V3.0.0<br>Säkerhetsinformation (Del av instruktionsboken Säkerhetssystem MGB-AR/MGB-AP) från V3.0.0<br>Safety Information (Part of the Operating Instructions Safety System MGB-AR/MGB-AP) from V3.0.0 | 123151          | 01-02/15       | <br><br><br><br><br> |  0.6 MB   |
| Veiligheidsinformatie (Deel van de handleiding Beveiligingssysteem MGB-AR/MGB-AP) vanaf V3.0.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 123151          | 01-02/15       |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  0.2 MB |
| Informação de segurança (Parte do manual de instruções Sistema de segurança MGB-AR/MGB-AP) a partir de V3.0.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 123151          | 01-02/15       |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  0.2 MB |
| Bezpečnostní informace (součást návodu k použití „Bezpečnostní systém MGB-AR/MGB-AP“) od V3.0.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 123151          | 01-02/15       |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  0.2 MB |
| Informacje o bezpieczeństwie (Część instrukcji obsługi System bezpieczeństwa MGB-AR/MGB-AP) od V3.0.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 123151          | 01-02/15       |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  0.2 MB |
| Информация о безопасности (часть инструкции по эксплуатации Предохранительная система MGB-AR/MGB-AP) с V3.0.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 123151          | 01-02/15       |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  0.3 MB |
| Bezpečnostná informácia (časť návodu na prevádzku Bezpečnostný systém MGB-AR/MGB-AP) od V3.0.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 123151          | 01-02/15       |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  0.2 MB |

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|---------------------------------------------------------------------------------------------|--------|----------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Güvenlik bilgisi (İşletim kılavuzunun parçası emniyet sistemi MGB-AR/MGB-AP) V3.0.0 ve üstü | 123151 | 01-02/15 |   |  0.3 MB  |
| 安全信息 (安全系统 MGB-AR/MGB-AP使用说明书的组成部分) V3.0.0以上                                                | 123151 | 01-02/15 |  |  0.3 MB |
| 安全情報 MGB-AR/MGB-AP                                                                          | 123151 | 01-02/15 |  |  0.6 MB |

## Declaration of conformity

### EU-Konformitätserklärung

|                                                                                                                                                          | Doc. no. | Version  | Language                                                                                                                                                                                                                                                                                                                                                                                                                                        | Download                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| EU-Konformitätserklärung<br>Declaración UE de conformidad<br>Déclaration UE de conformité<br>Dichiarazione di conformità<br>EU declaration of conformity | 2123150  | 08-01/17 | <br><br><br><br> |  0.3 MB |