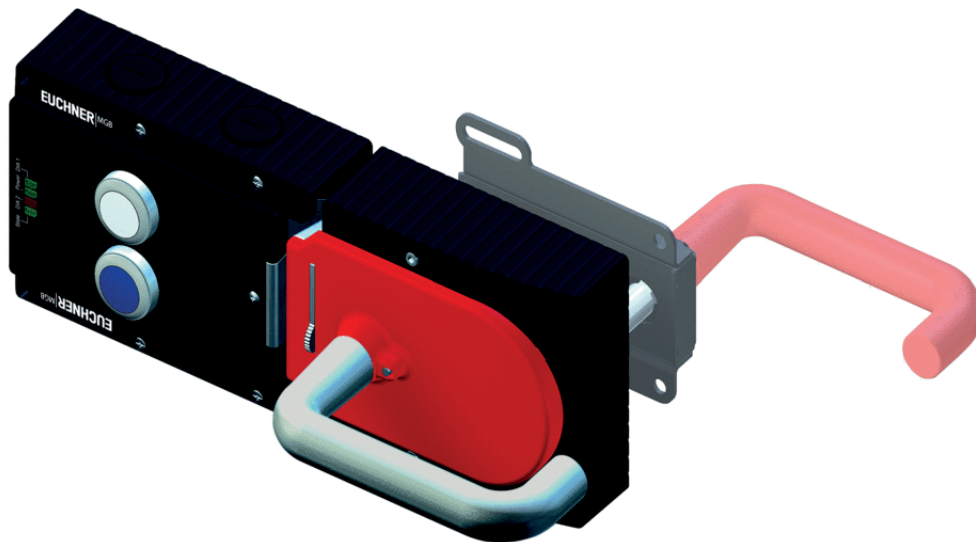


Axelent Product Information

» Euchner MGB



Euchner MGB

The MGB (Multifunctional Gate Box) is a unique interlock- and guard locking system for the protection of safety doors on machines and systems. Four LEDs indicate information about the lock status.

The lock has an intelligent plunge whose position is detected by an RFID transponder which has a unique code. This makes manipulation impossible while allowing that the MGB can achieve the highest safety category 4 / PLe according to EN ISO 13849-1 / SIL 3 of EN 62061.

Under the hood sits a mechanical unlocking system which makes it possible to open the lock on power failure. Euchner MGB has a mechanical door stop in the metal, and markings for easy adjustment of the handle module. The handle is made from strong and easy-grip metal, and can be rotated in 90 degree increments to suit the installation. The emergency release handle on the inside helps staff accidentally left in the danger zone. When activated, the door opens immediately and the machine is turned off.

During service execution inside the hazardous area a bolt tongue can be folded out, which prevents the door to be locked. On the jumper it's also room for three padlocks.

Euchner MGB

- Unique interlock- and guard locking system
- EN ISO 13849-1 / SIL 3 according to EN 62061
- Mechanical unlocking
- Adjustable handle

Axellent Product Information

» Euchner MGB

Technical data

Art. no.	Description
B-135	Euchner, MGB MGB-L1H-ARA-R-121061* mechanical lock, left / right, two push buttons
B-136	Euchner, emergency opening handle MGB 100465

*Replaces Euchner article number MGB-L1H-AR-R-109751

The advantages of the Multifunctional Gate Box MGB

- EUCHNER RFID transponder technology: up to PLe in accordance with EN ISO 13849-1
- Optimized for easy mounting on profiles
- Plug connector versions for easy Plug & Play
- Diagnostic function via 4 status LED
- ± 4 mm tolerance in x direction, ± 5 mm in z direction
- Integrated lockout mechanism
- Optional escape release with door handle
- Optional buttons and indicators can be integrated directly into the housing
- Stable metal stop prevents damage
- Marking on the interlocking/locking module as adjustment aid
- The actuating direction is easy to change without disassembly
- Hidden mounting holes with slots and metal mounting surfaces
- Housing material made of high quality, reinforced plastic
- Locking force 2000 N
- The MGB withstands forces amounting up to 300 Joule
- Suitable for hinged doors as well as sliding doors

