

# MAGNUS

## Motorised hinge for pedestrian swing gates

---

**Specification text:** The gate will be automated with a motorised MAGNUS hinge from the Locinox brand or a technically equivalent product. The MAGNUS combines a hinge and a powerful gate closer in one discreet solution. Specially developed for outdoor use, it is corrosion-resistant according to the 1000-hour salt spray test under ISO 9227. The frictionless operation of the brushless motor allows intensive use with over 500,000 opening and closing cycles. This equates to more than 30 years of daily use in both manual and fully automatic modes. Thanks to its robust housing and IP56 rating, the MAGNUS is highly resistant to weather and dust. Installation is easy thanks to the plug and play design and pre-assembled Quick-Fix fasteners.

### FEATURES

- › Electric gate close
- › With reversible brushless motor
- › Can always be operated manually
- › Suitable for gates up to 200 kg and up to 1,500 mm wide.
- › Maximum engine power of 100 N·m.
- › For gates with an opening angle up to 180°
- › Resistance to opening is maximum 15 N·m
- › Adjustable closing speed
- › Adjustable engine power
- › Features motorised damping
- › Features a slow start/stop mode
- › Possible to open the gate with a light push (push-and-go)
- › It is possible to configure the gate closer as a gate opener in automatic mode.
- › Features an integrated obstacle detection
- › Designed and produced in Europe or the US
- › Compliant with American *Disabilities Act (ADA)* guidelines
- › In accordance with the guidelines of the *Royal Society for the Prevention of Accidents (ROSPA)*.
- › Compliant with the EN12453 and EN16005 standard for the safe use of automatic door systems.
- › Must be combined with an electric, electromagnetic, or mechanical lock.
- › for fully automatic opening, an electromagnetic lock, a mechanical lock with electric strike, or a motorised bolt is required.
- › Available in either black or silver.

### PERFORMANCE

- › Developed and manufactured specifically for outdoor use.
- › Weatherproof and dustproof
- › IP56 rated
- › Maintenance-free (no need to lubricate or add oil) *Always check for any specific safety requirements imposed by local authorities.*
- › Two year manufacturer's warranty.
- › Tested on 500,000 movements

### INSTALLATION

- › For post profiles from 60 mm and gate profiles from 40 mm with a material thickness of at least 2 mm steel
- › To be mounted in 15 mm drill holes – pre-drilled with a drilling template
- › Suitable for both left and right turning gates
- › Requires a strike plate or striker to determine the zero position
- › No safety sensors required thanks to the standard low energy mode
- › 3D installation film is available in an app
- › Three configurable inputs for connecting access control and security sensors
- › Three configurable outputs for connecting an electric strike, electromagnetic strike plate, warning light, or ambient light and a fixed 24V DC power supply.

### CONFIGURATION

- › Programming through an app
- › Step-by-step guide with video instructions available within the app
- › The app is available for ANDROID and IOS

### MATERIAL

- › Anodised aluminium housing.
- › Corrosion resistance of 500 hours salt spray test according to ISO9227.
- › UV-resistant and colourfast.