

[Item:]

Swing Gate Magnetic FlowMotion® mSwing FMSW-GL

Electric motor driven swing gate for barrier-free access. Compact accommodation of drive and control system in the center column.

Function:

- Comfortable contact free usage
- Complete opening of swing door for a convenient passage
- Automatic closing after set time span
- 2-way operation in entry and exit direction
- Addition to other access control systems for barrier-free access or luggage and material transport
- Ideal for usage in escape routes
- Installation as single or double swing door with a total passage width of up to 2400 mm
- Error history for technical service
- Indoor and outdoor usage

Design:

- Design housing with flowing lines, slender silhouette and tender forms
- Glass edge illumination and floor illumination (option)
- No visible connection elements
- Decent colour design in basalt (sides) and anthracite (frame) or in customer-specific colours

Safety & security:

- Sensitive impact detection for utmost passenger safety (< 400N according to EN12453)
- Secure position in case of alarm signal
- Free rotation in both directions in the case of power outage
- Automatic return to home position upon power return or reset of alarm signal
- Gate transmits warning notification in case of forced entry
- Random generator for the control of persons and bags

Control and drive system:

- Integrated MGC control system with display for parameterization and set-up
- Integrated MHTMTM drive system for minimum 10 million opening and closing cycles
- Connection for 100 – 240 VAC, 50/60 Hz
- Connections for all current card reader systems
- 8 digital inputs with free allocable functions
- 4 digital outputs and 6 output relays for illumination control and status readout (free allocable)

Housing:

- Aluminium profile with mDure varnishing
- Resistance against scratches, shocks and wear
- Resistant against corrosion, UV light, detergents and disinfectants
- Wing element made from glass or acrylic glass
- Protection class: IP54

Dimensions:

- Housing dimensions: 1092 x 178 mm (H x D)
- Passage width: 1000 mm (Standard) / 1200 mm (wide lane) / Specials on request
- Wing height: 994 mm (Standard) / 1800 mm (full-height version) / Specials on request
- Total unit dimension for standard passage width (1000 mm): 1118 x 178 x 1092 mm (W x D x H)
- Installation space for card reader in card reader post: 60 x 80 x 40 mm (W x H x D)
- Opening angle adjustable from -115° to +115°

Installation:

- Screw mounting on stable floor surface
- Alternative mounting on unfinished floor by use of adjustable foundation frame (see accessories)

Temperature range: -30 to +55 °C

Installation execution by manufacturer trained installation specialist, including user training and hand-over of inspection manual, declaration of conformity according to EC machinery directive/ low voltage directive, EMC directive and performance declaration according to construction material directive.

Manufacturer: Magnetic Autocontrol GmbH
Type: mSwing FMSW-GL

Passage width:

Wing height:

Material of wing element (glass/ acrylic):

Housing colour:

Number: Unit: pieces

Unit price: Total:

Options for Swing Gate Magnetic FlowMotion® mSwing FMSW-GL

[Item:]

Option LED Ring RLED103

LED ring integrated in the center column including glass edge illumination in red and green for the indication of ready for passage state or as permanent design illumination. Can be switched on/off.

Manufacturer: Magnetic Autocontrol GmbH
Type: RLED103 – LED Ring FlowMotion® 178 mm

Number: Unit: pieces Unit price: Total:

[Item:]

Option Floor illumination BOLED103

LED floor illumination as design light. Can be switched on/off.

Manufacturer: Magnetic Autocontrol GmbH
Type: BOLED103 – Floor illumination FlowMotion® 178 mm

Number: Unit: pieces Unit price: Total:

[Position:]

Option Glass Edge Protection GKS103

Metal shield for the protection of the upper glass edge. Protection length is cut to length according to wing size.

Manufacturer: Magnetic Autocontrol GmbH
Type: GKS103 – Glass Edge Protection mSwing

Menge: Einheit: St EP: GP:

[Item:]

Option Buzzer ESU01

Buzzer for the optional indication of a forced passage attempt, a random control hit or a functional error.

Manufacturer: Magnetic Autocontrol GmbH
Type: ESU01 – Buzzer

Number: Unit: pieces Unit price: Total:

[Item:]

Option Ethernet interface EM01

Parameterization and signal processing of a FlowMotion® pedestrian gate via a local network or the Internet.

Manufacturer: Magnetic Autocontrol GmbH

Type: EM01 – Ethernet Interface

Number: Unit: pieces Unit price: Total:

[Item:]

Option Mounting uplift EP

Uplift for pre-mounting of all applicable option within the FlowMotion® pedestrian gate.

Manufacturer: Magnetic Autocontrol GmbH

Type: EP – Einbaupauschale

Number: Unit: pieces Unit price: Total:

Accessories for Swing Gate Magnetic FlowMotion® mSwing FMSW-GL

[Item:]

Fixation set BSS103

Installation material for screw-mounting of a FlowMotion® pedestrian gate with center column on the finished floor surface, including gluing capsule and screw connection with internal thread.

Manufacturer: Magnetic Autocontrol GmbH
Type: BSS103 – Fixation set FlowMotion® 178 mm

Number: Unit: pieces Unit price: Total:

[Item:]

Foundation frame FURA103

Fixation set BSSFURA103

Foundation frame for the installation of a FlowMotion pedestrian gate with a center column on the unfinished floor. Height adjustable between 100 and 150 mm.

Manufacturer: Magnetic Autocontrol GmbH
Type: FURA103 – Foundation frame FlowMotion® 178 mm

Number: Unit: pieces Unit price: Total:

Manufacturer: Magnetic Autocontrol GmbH
Type: BSSFURA103 – Fixation set for foundation frame FlowMotion® 180 mm

Number: Unit: pieces Unit price: Total:

[Item:]

Emergency push button NT100

For triggering an emergency signal used to drive the swing gate mSwing into a defined secure position. When reset, the wing of mSwing returns into the home position and the gate returns into normal operation mode.

Manufacturer: Magnetic Autocontrol GmbH
Type: NT100 – Emergency push button FlowMotion®

Number: Unit: pieces Unit price: Total:

[Item:]

Railing system mGuide

Passenger guidance system for installation in parallel to a mTripod turnstile pedestrian gate or as boundary between controlled section and open accessible section.

- Frame material: stainless steel
- Glass panels made of single-layer safety glass (ESG), laminated safety glass (VSG) or acrylic glass
- Barrier width customized between 40 up to 1300 mm
- Dimensions (H x D): 1000 x 10 mm (Diameter 105 mm at base socket)

Manufacturer: Magnetic Autocontrol GmbH

Type: mGuide – Railing system

Length:

Number: Unit: pieces Unit price: Total:

[Item:]

Card Reader Post mPost

Card reader post for the passage validation in combination with the swing gate mSwing. Decent colour design in basalt (sides) and anthracite (frame) or in customer-specific colours. Housing dimensions: 1092 x 178 mm (H x D).

Manufacturer: Magnetic Autocontrol GmbH

Type: mPost – Card Reader Post FlowMotion®

Housing colour:

Number: Unit: pieces Unit price: Total: