



Revolving gate with tempered glass panels and glass or stainless steel outside covering. Full height, steel structure entrance gate with free of touch approaching sensor and motor-driven operation.

Structure

The gate is built of high tensile, bent, welded steel frame structure; caulked-closed, openable, drive mechanism; and tempered glass panels. The electro mechanic device is placed on the top of the gate. Passing can be set in both directions.

The wings are from tempered glass panels, the cylinder surface can be made of tempered glass or brushed stainless steel. The steel frame is protected against corrosion inside and outside with hot dip galvanization or made of brushed stainless steel.



The central rotating column holds the 3x120° (or 4x90°) arranged wings. The position of the rotating column is controlled by the rotational-angle measurer. Separated safety system indicates the attempts of sabotage, straining, penetrating with loud siren alarm and/or silent alarm.



Operation

The turnstile operates in a touch-free, motor-driven way. As the authorized person passes through, the turnstile turns in front of them and closes behind them.

Features

- Automatic, motor driven movement of the glass door panels
- UPS batteries (highly suggested) are enough for 500 functional operations or 4 hours

- It can be set as bi-directional
- Capacity: 15 persons/ min
- Internal and external design
- The gate ensures controlled access
- Anti pass-back function
- Sensors
- Traffic lights indicating state of operation
- Certificates and declarations of conformity

Options

- It can be connected to access control system
- It can be connected to worktime and attendance system
- RFID card reader, QR code / barcode reader, biometric readers
- Remote control
- Panic system, panic button
- Emergency mode
- Alarm system integration
- Camera and video recorder system integration
- Breathalyzer
- Random search function
- Adaptive speed control
- Anti-Sneak-in protection
- Break Out System: fire control, swivel folding free escape route
- Unique sizes can be ordered (ProxerGate Carousel)



Technical details

- Dimensions: see drawing below
- Material: see at Types
- Power supply: 12V DC, optionally 90-240V AC
- Power consumption: 200mA (resting position), 3-8A during operation, depending on load
- Interface: RS485, optionally: RS422, RS232, Ethernet IEE802
- Operation temperature: -20°C – +50°C-ig
- Storage temperature: -25°C – +60°C-ig
- Operational Relative humidity: max. 80%
- Storage relative humidity: max. 90%
- Standards applied: PoE (Power Over Ethernet), Ethernet IEE802, RS485, Emarine V4001

Types

The ProxerGate 5 Glass can be ordered in 120-degree turnstile variants. The part assembled structure offers a great freedom of selecting the side panels.

PG5-GG-120 Glass

- 1 passageway, 3 x 120°
- 3 pcs tempered glass wings
- surface: tempered glass
- flow rate: approx. 15 persons/ min
- indoor usage

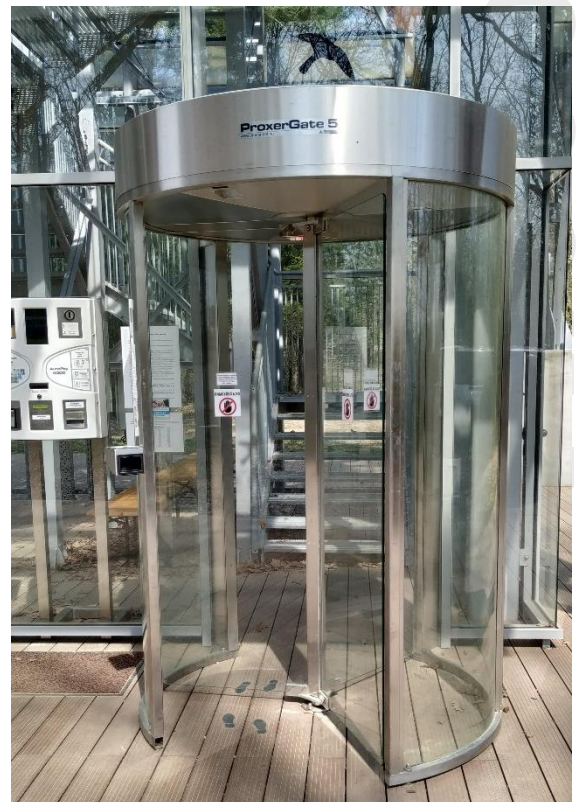
PG5- GS-120 Glass

- 1 passageway, 3 x 120°
- 3 pcs tempered glass wings
- surface: brushed stainless steel, steel frame
- flow rate: approx. 15 persons/ min
- indoor and open-air, outdoor usage



PG5- GG-120-EXT Glass:

- 1 passageway, 3 x 120°
- 3 pcs tempered glass wings
- surface: tempered glass
- flow rate: approx. 15 persons/ min
- indoor and open-air, outdoor usage



PG5-GG-120-EXT Glass and AutoPay4000 paying machine at a lookout tower

The operation modes of the rotating gate

1. Open in both directions: everybody can pass through without authorization and event logging
2. Closed in both directions: nobody can pass through
3. Open for "IN": the gate lets every person in without authorization and event logging
4. Open for "OUT": the gate lets every person out without authorization and event logging
5. Authorization and event logging in both ("IN" and "OUT") directions
6. The gate let the person go "IN" after the authorization and then event logging; and closed for "OUT" direction
7. The gate let the person go "OUT" after the authorization and then event logging; and closed for "IN" direction
8. Emergency mode

Emergency mode

In case of emergency, there is possible to switch the gate into "Open in both directions" mode by hand or automatically from the building management system. In this mode, the gate lets everybody pass through.

Integrated into building management system

The ProxerGate 5 Glass has intelligent communication system and can be connected to RS485 or IEE 802 Ethernet 10/100 Mb/s network.

Thus, the gate is able to receive real time operation mode commands sent from the centre: e.g. automatically ensure escape way, query the event log or the movement log.



ProxerGate 5 Glass, dimensions

