



ProxerGate3

Intelligent tripod turnstile

The ProxerGate3 turnstile is an intelligent rotary armed entry gate allowing controlled personal entry.

Structure

The ProxerGate3 turnstile is a modern designed, aesthetic looking automatic gate. The solid and



firm metal body holds the three-arm rotor unit, the intelligent electronic board, sensors, and control units (RFID card reader terminal, barcode reader is selectable), encased in corrosion-resistant high-alloy steel.

ProxerGate3 is available in brushed, shiny inox finishes and sintering is also possible in a color specified by RAL color chart selectable from the data table.

The gate can be fixed onto the floor with drilled base-plate bolts.

Operation

The ProxerGate3 provides touch-free entrance: the entering person shows his identifier to the chip-card reader placed in the head of the gate. The gate verifies if the person is allowed to enter into that direction in that specific time. If he is, then it ensures "green light". The rotary arm turns into that certain direction with the certain speed, that the entering would be free from collision and difficulty.

The person passing through is supervised by optical sensors, and the gate operates in accordance with this.

Using the gate is easy and safe: the "free" or "locked" entry is indicated by the internationally common colors (red, yellow and green) of traffic lights and accompanied with (releasable) sound.

In case of sabotage and aggressive intervention the system makes an alarm signal and stores the data in the event log.

ProxerGate3 protects the human being, has neither sharp edges nor parts causing injuries.

For disabled access we offer the swing gate ProxerPort2H, which is developed for people using a special vehicle, and operates with a one-armed rotor (See ProxerPort2 brochure).

The gate is equipped with a two-way communication interface, enabling a detailed query of movement data, event log, status and uploading of requested mode, permission table, parameter table, etc.



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The ProxerGate3 is connectable to a computer network, the interface can be RS 232, RS 485, or ETHERNET type. ENTRYNET and WORKTIME softwares can be used for controlling and polling.

Features

- Automatic, motorised, distance sensor equipped rotary gate
- Can be integrated to access control systems
- Built-in card readers available
- Fire Alarms Systems connectivity
- Bidirectional passage monitoring
- High level security access control
- Anti pass-back function
- High-gloss, chrome-nickel stainless steel framework
- Designed for indoor use, optionally outdoor is available
- Exclusive design
- High flow rate: 40 people per minute

Technical specifications

- Dimensions: see drawing
- Power supply: 12V DC
- Power consumption: 3W (peak 200W)
- Accepted ID tags (depends on built in reader):
 - RFID proximity card / tag / wristband
 - Barcode
 - Fingerprint
- Weight: 56kg
- Operating temperature range: -20 - +45C
- Relative humidity: max. 80%
- Drawing number: 0741

Options

- Guide barriers (High gloss, chrome nickel, curved, glass paneled, removable etc.) selectable according to data table or customer demand
- Fire Alarms Systems connectivity
- Gate controller readers: (RFID proximity, barcode, fingerprint readers)
- Alarm sound/light
- Remote controller

• Gate controller options

- Date and time logging
- Motion direction logging
- Personal identification
- Display name
- Motion reason logging
- Display work time balance
- Authorization check
- Event log
- Tone and sound signal
- Sabotage protection
- Distant maintenance
- Internet communication



Operation modes

- Closed in both directions
- IN direction opened with authorized card
- OUT direction opened with authorized card
- Both directions opened with authorized card
- Both directions opened (without card)
- IN direction opened (without card)
- OUT direction opened (without card)
- Service mode

Versions

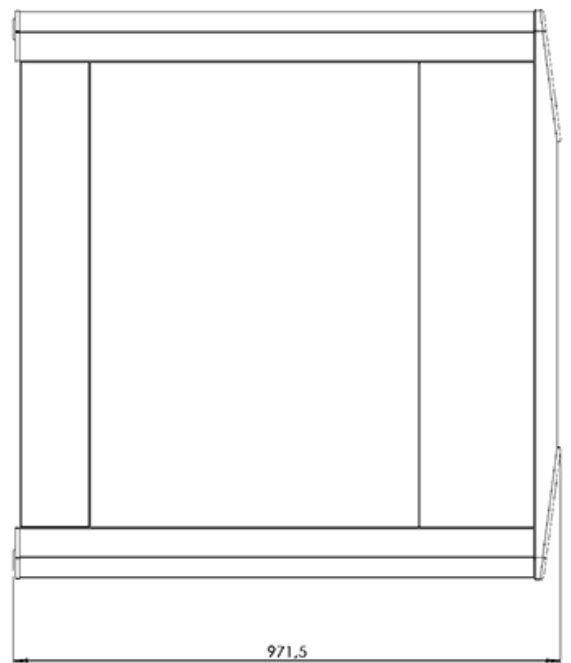
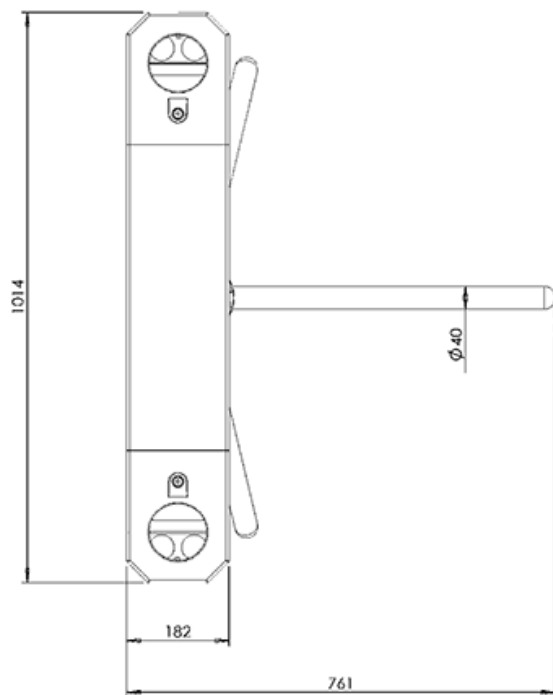
Certain applications require free passage at all gates in case of an emergency signal is triggered by fire or distress alarm systems. There are two types of gates according to emergency responses.

1. **ProxerGate3: basic type.** In case of a fire emergency the ProxerGate3 rotary arm automatically switches into free to turn mode.



Authorization checking becomes disabled, card reading is not required, everyone is allowed to pass. The gate turns automatically before the person.

2. **ProxerGate3E: drop armed version.** In case of a fire alarm the rotary arm is automatically dropped, providing free passage.



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