

# PROCONTROL

## ProxerGateM3 intelligent tripod turnstile



The ProxerGateM3 is an intelligent turnstile allowing controlled personal entry.

### Structure

The ProxerGate3 turnstile is a modern, designed, aesthetic 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 available), encased in corrosion-resistant high-alloy steel.

It can be wall-mounted or fixed on a stand with four M8 bolts; it takes up minimum room. It is available in external design with brushed stainless steel covering. ProxerGate M3 provides a touch-free, bidirectional entrance due to the sensors and the motorised three-arm rotor unit.

Suggested optimal fixing height is 810mm from the pavement level to the horizontal arm's axis.

RFID reader, optionally QR barcode reader can be built-in the top front. Drop-arm version is also available.

### Operation

The ProxerGate3 provides touch-free entrance: the entering person shows his identifier to the card reader placed in the top front plate 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 gives green light. The rotary arm turns into the direction with a certain speed, so the passing would be free from collision and difficulty.

Optical sensors supervise the person passing through 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 colours of traffic lights (red, yellow and green), and accompanied with (releasable) sound.

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

ProxerGateM3 has neither sharp edges nor parts causing injuries. (Persons with disabilities can use ProxerPort swing gate or ProxerGate Slip, which is designed for safe passing with wheelchairs also.)

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.

### Features

- Automatic, motorized rotary gate, equipped with distance sensor
- Easy to integrate to access control systems
- Built-in card readers available
- Fire alarm system 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



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- High-gloss, chrome-nickel stainless steel framework
- Designed for indoor and outdoor use
- Exclusive design
- Flow rate: 20 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, palm reader
- Weight: 28kg
- Operating temperature range: -20 - +45C

- Relative humidity: max. 80%
- Drawing number: 1312

### Options

- Gate controller readers: (RFID proximity, barcode, biometric readers)
- Drop-arm function: the drop arm turnstile becomes automatically free by fire signal, drops the arm and gives green light.
- Guide barriers (High gloss, chrome nickel, curved, glass paneled, removable etc.) selectable according to data table or customer demand
- Can be connected to fire alarm systems
- Alarm sound/light
- Remote controller
- Can be combined with a payment machine to a paid entry turnstile

### Gate controller options

- Date-, time-, voice recording
- Stores movement directions
- Identification
- Displays name
- Records reason of leaving
- Working hours balance
- Permission authorization
- Event log
- Tune, melody signals
- Sabotage protection
- Remote 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 an emergency signal is triggered by fire or distress alarm systems. There are two types of gates according to emergency responses.

- **ProxerGateM3**: basic type. In case of a fire or other emergency, the rotary arms automatically switch into free to turn mode. Authorization checking becomes disabled, card reading is not required, and

everyone is allowed to pass. The gate turns automatically before the person. In IP protected external design.

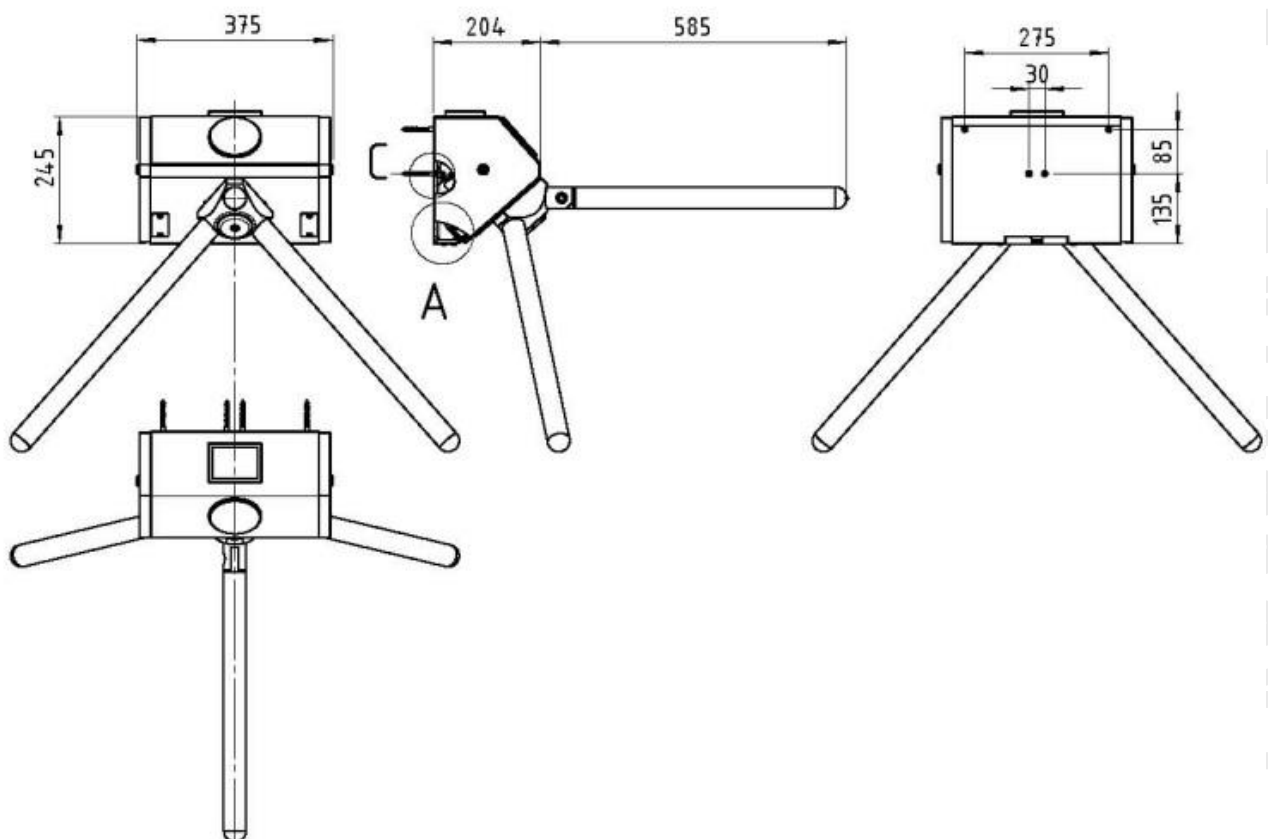
- **ProxerGateM3E:** drop armed version. In case of a fire alarm the rotary arm is automatically dropped, providing free passage. In IP protected external design.

### Certificates

The ProxerGateM3 ensures free passage in case of emergency (by automatic or manual control), thus it can be in the escape route.

Gate has been inspected by Fire Protection Laboratory of ÉMI (ÉMI Non-Profit Limited Liability Company for Quality Control and Innovation in Building; ÉMI Non-profit Llc.) and received the Fire Protection Certificate of Conformity. Licence number: TMI-7/2014

Procontrol's access control and intrusion protection solutions, the ProxerNet intelligent building management software, the Proxer card reader, the Workstar access control and worktime management terminal family; the ProxerGate and ProxerPort access gate families received Product Conformity from MABISZ, the Association of Hungarian Insurance Companies. MABISZ suggests that its member companies accept these products.



PROCONTROL ELECTRONICS LTD.