



PROCONTROL

ProxerGate 3

the 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 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.

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 to the floor with drilled base-plate bolts.

Operation

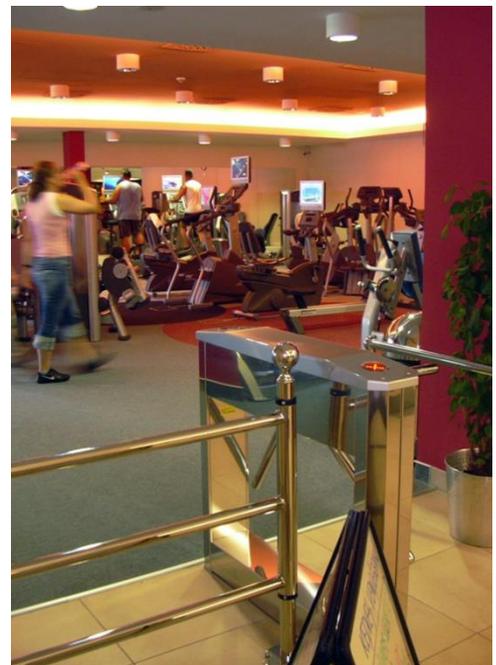
The ProxerGate3 provides touch-free entrance: the entering person shows his identifier to the chip-card reader placed in the head of the gate. The gate verifies if the person is allowed to enter into that direction in that specific time. If he is, then it gives green light. The rotary arm turns into the direction with a certain speed, so the passing 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 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.

ProxerGate3 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.

The ProxerGate3 can be connected to computer network, the interface can be RS 232, RS 485, or Ethernet type. Procontrol's own ProxerNet software is suggested for control and management.

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



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 alarm system connectivity
- Gate controller readers: (RFID proximity, barcode, fingerprint readers)
- Alarm sound/light
- Remote controller
- **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 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, and 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.**

