



GR1



Intuitive complement

to pedestrian access control system



Montage

Easier than ever



DEVICE DESCRIPTION

The swing gates are designed for assisting pedestrian access control at guarded passage ways, inside buildings and on the outside (under roofing). Devices are intended for cooperation with electronic systems of pedestrian traffic and personal access control as supplementary devices to turnstiles for passage ways where strict access control is not required and wide passage way is a key factor.

Each version can be composed of stainless steel arm (GR1-M/A) or glass arm (GR1-A-S).

Examples of use:

- points of ticket control/access control and passenger traffic,
- authorised personnel only passage ways, as well as directing passenger traffic,
- points of ticket control and fees e.g. to sports facilities, show facilities, exhibition halls, theatres, cinemas,
- access and time attendance,
- control points in working places e.g. dedicated areas in factories, offices.



RENDER Z FUNKCJA

Accompaniment of the effective access control

DEVICE'S DESCRIPTION

TYPE OF FINISHING

VERSIONS OF THE DEVICE

GR1-M	Manual gate „M”, without rosette
GR1-M-R	Manual gate „M”, with rosette „R”



GR1-A-S-R

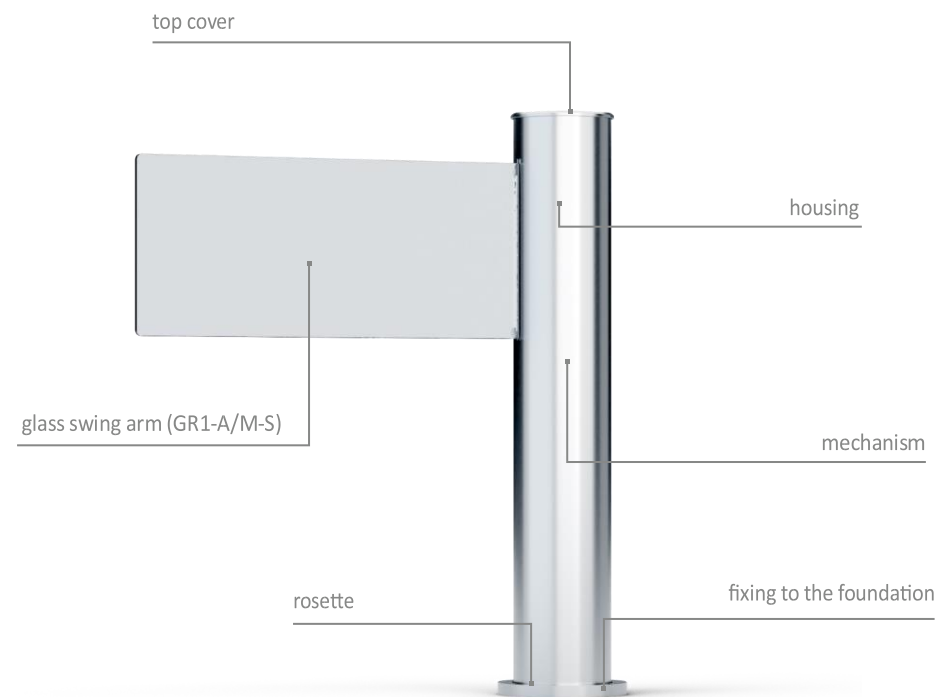
Stainless steel - INOX AISI 304

GR1-A	Automatic gate „A“, without rosette
GR1-A-R	Automatic gatea „A“, with rosette „R“
GR1-A-S	Automatic gate „A“, with glass arm „S“, without rosette

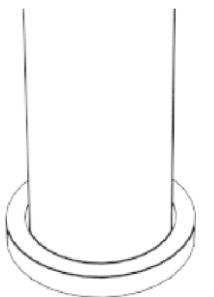
Automatic gate „A“, with glass arm „S“, with rosette „R“



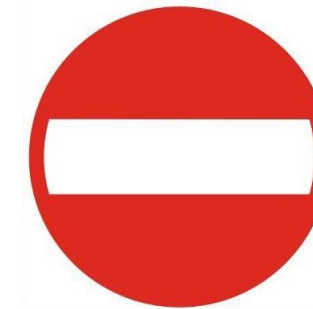
ROSETTE



TYPE OF PICTOGRAMS



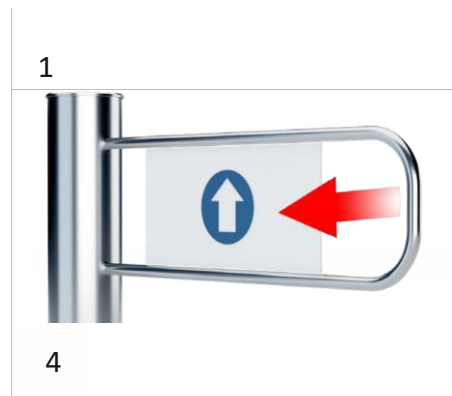
included with the device



included with the device

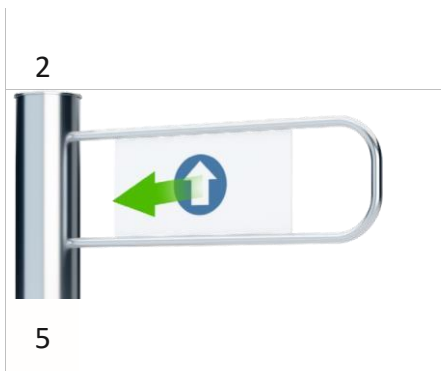
without rosette version

with rosette version



1. EASY INSTALATION

The construction of the device enables mounting it to the foundation without dismantling any part of the device.

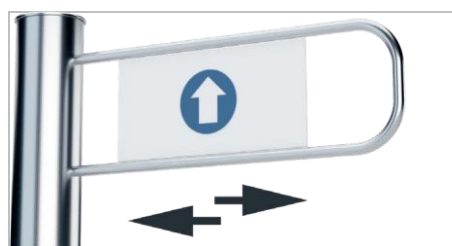


2. BIDIRECTIONAL MOVEMENT

The device enables work in various modes, eg: control of passenger traffic for both directions or control of passenger traffic for any chosen direction of movement.

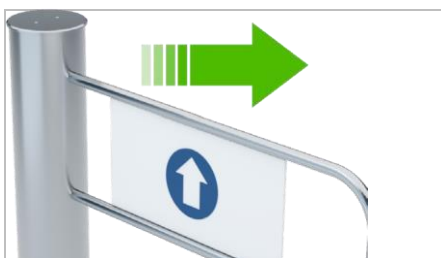
4. ARMS BLOCKING SYSTEM

The device is equipped with arms blocking system having overload function. In case of applying extensive force to the arm this function releases the arms blocking system.



5. MOTORISED ARM

The mechanism is equipped with a motor, moving the arm and clutch, preventing the mechanism from damages.



3. VERIFYING THE ARM'S POSITION

Device is equipped with measurement system to verify the position of the arm.

TECHNICAL

PARAMETERS

ELECTRONIC CIRCUIT CONSTRUCTION:

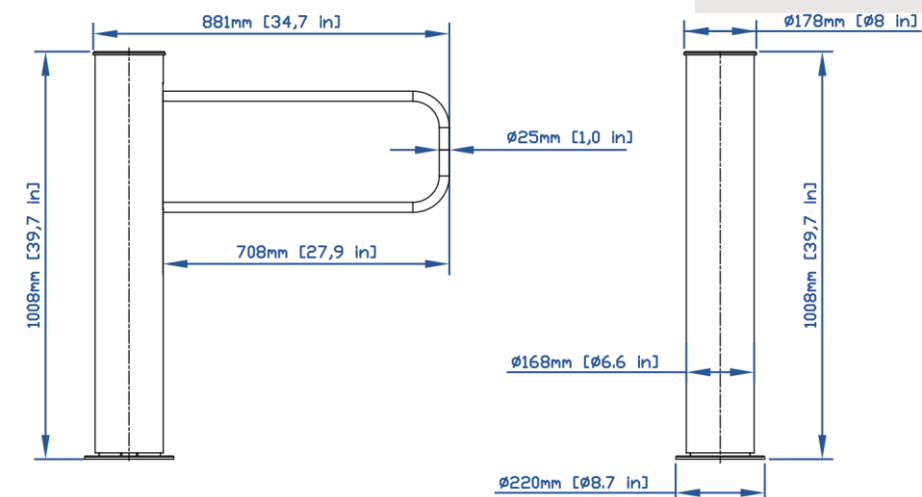
- Steering input for the first traffic direction (e.g. for connecting the reader - Simplified assembly to the foundation with glued anchor bolts and steering button). (bolts are not included)
- Steering input for the second traffic direction (e.g. for connecting the reader and steering button).
- Possibility to set the device operation modes.
- Sound signaling.

DEVICE'S VERSIONS PARAMETERS

FUNCTIONS



DIMENSIONS GR1-M/A



Power Supply voltage:	~24VAC
Maximum power consumption:	60 VA
Maximum current consumption:	2,5 A
Steering signal:	(max. 0,5 sec)
Feedback signal:	. NO/NC
Operation temperature:	-25° do +50° C [-13° to 122°F]
Storage temperature:	-30° do +60° C [-22° to 140°F]
Maximum humidity:	80 %
Operation environment:	inside buildings
IP protection rat:	IP 33
Net weight* [kg/lbs]:	~34 / ~74

Description of the example indication:

- GR1-M-S - series GR1, model A (automatic), version with glass - S

M - manual (no arm supporting motor) **A** - automatic (arm supporting motor) **S** - glass arm

NOTE: Standard finishing is stainless steel AISI 304 (INOX).

Indication's description	HR1	Model (M/A)	Type of arm (./S)
Example of indication	GR1	A	S

DIMENSIONS GR1-A-S

DEVICE'S INDICATION BASED ON THE TYPE OF THE HOUSING FINISHING

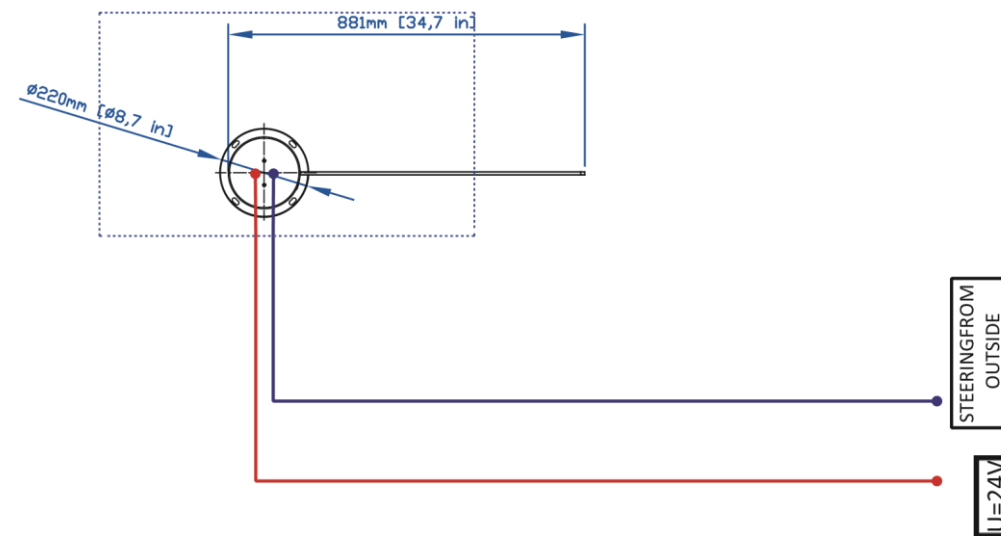
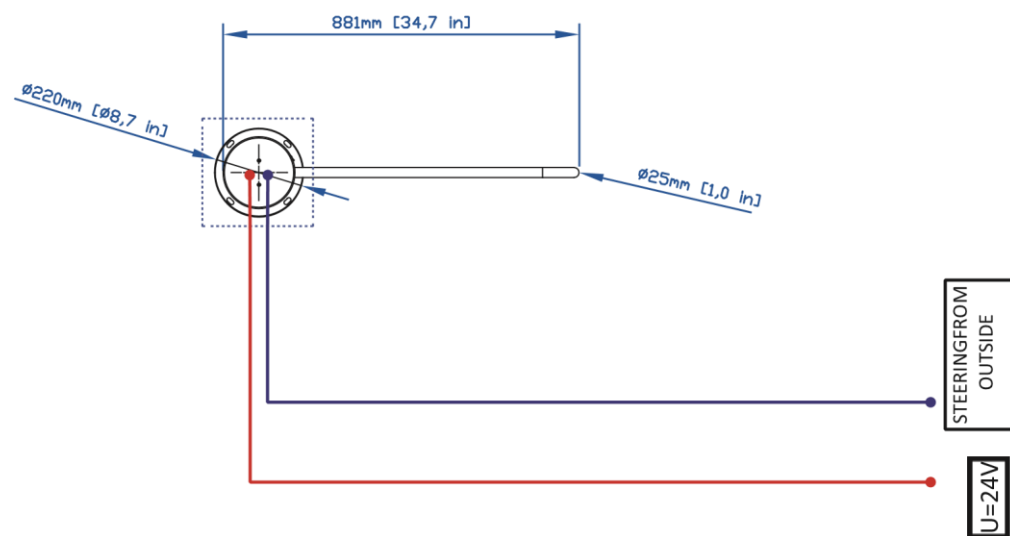
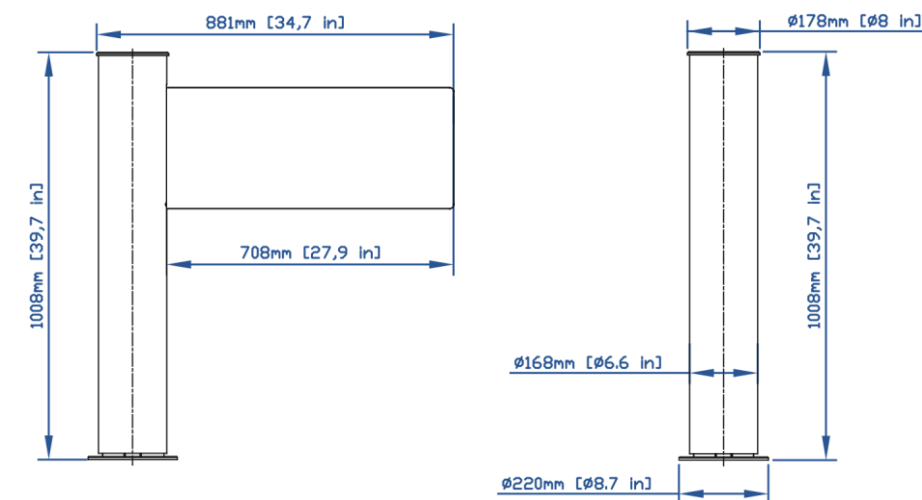
Model	Type of housing finishing
GR1-A-S	INOX/RAL . . .

- Examples of indication:
- GR1 - A-S - RAL5010 - swing gate GR1 - A - S powder coated steel finishing colour RAL5010
 - GR1 - A-S - INOX - swing gate GR1 - A - S stainless steel AISI 304 finishing

Name	Description
Power supply	Power supply 230/24V or 110/24V
Control Panel	Control panel designed for manual steering of the gate.

OPTIONAL EQUIPMENT *

* Optional equipment is not included with the device.



MAP KEY:

- Steering from outside - twisted pair cable S/UTP
- Power Supply 24V - Wire OMY 3x1,5mm
- Foundation

MAP KEY:

-
-
- Foundation



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