



ZA3-BL-2-R



RELIABILITY

AND HIGH THROUGHPUT



INTUITIVE CONFIGURATION

DEVICE DESCRIPTION

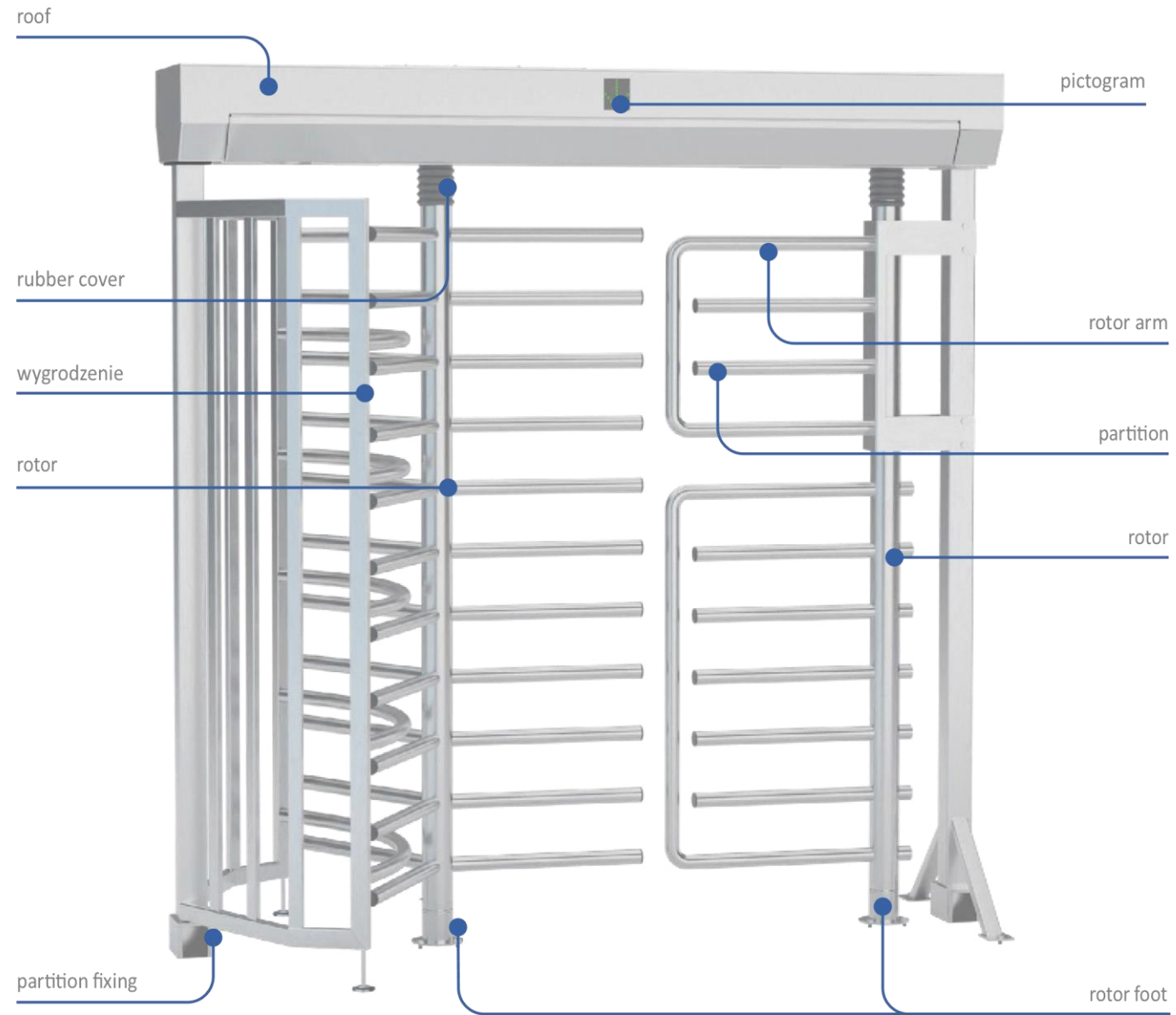
Double, full height turnstile equipped with two rotors (one three-section rotor and one single-section rotor) enabling the use of two passages at the same time - the passage of a person and the passage of a bicycle, luggage. The device designed to assist pedestrian access control at guarded passage ways.

Examples of use:

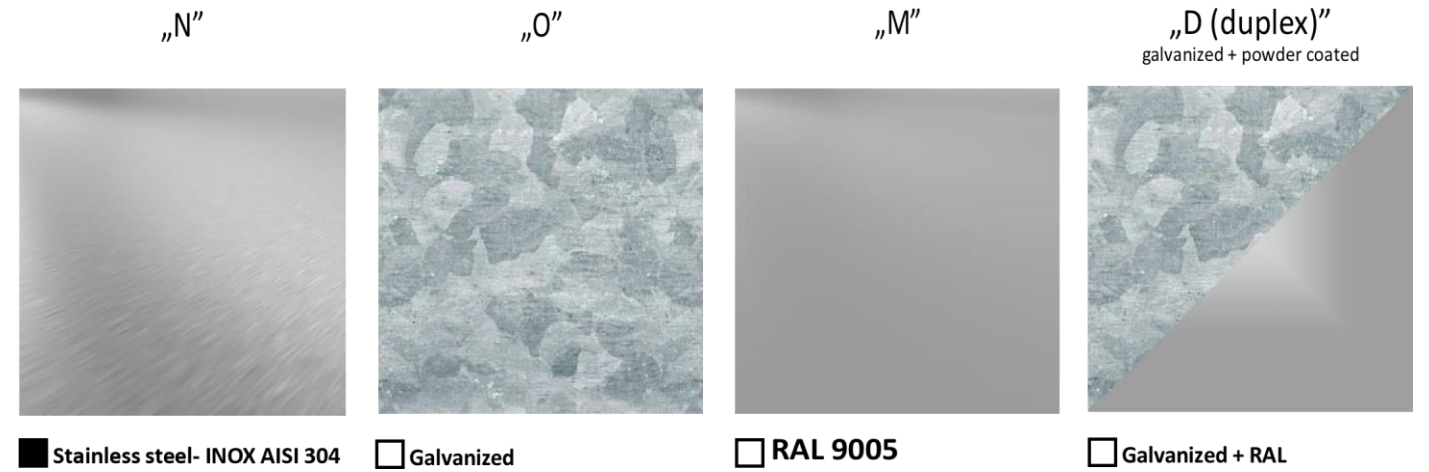
- points of ticket control and access control for passenger traffic,
- airports/seaports,
- passages for authorised personnel, directing passenger traffic,
- points of access control in secured buildings (e.g. state offices such as border crossing points, other services),
- points of ticket control and fees at museums, theatres, cinemas, exhibitions, fair areas, show facilities, paid toilets, points of ticket control at sports facilities, e.g. swimming pools, stadiums, other sports and show facilities,
- access and time attendance control points in working places, e.g. offices, dedicated areas in factories.



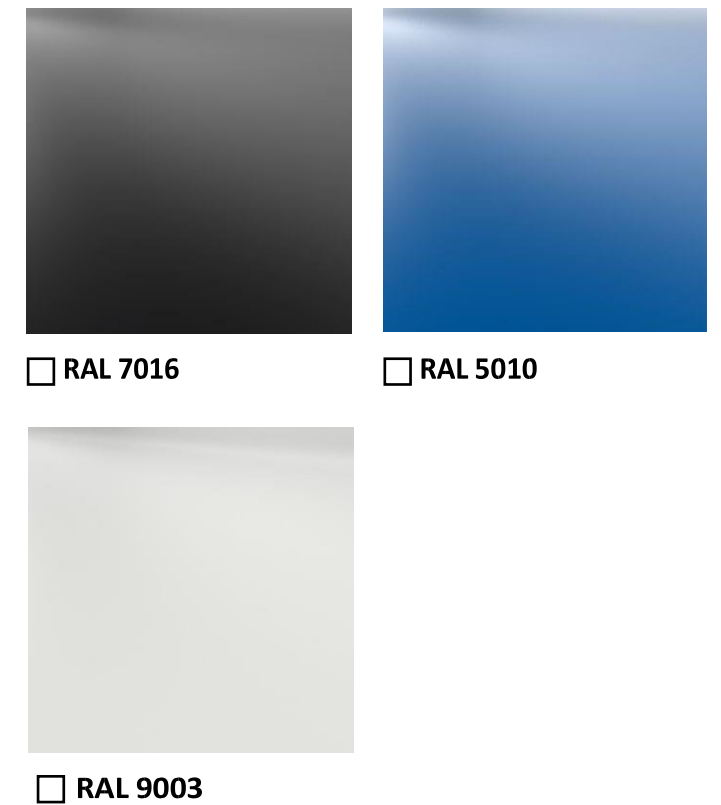
DEVICE DESCRIPTION



FINISH OPTIONS



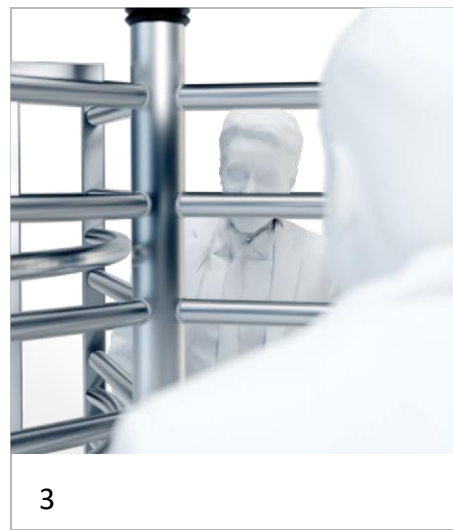
RAL COLOR PALETTE EXAMPLES



Standard finish
 Non-standard colour/non-standard finishing

4. BACKWARD MOTION LOCKING

unlocked. Red cross indicates that the mechanism locking system is locked.



MECHANISM BA3

ELECTRONIC SYSTEM

5. ARM MOTION BOOSTER

The mechanism of the device is equipped with an electromechanical system supporting the rotary movement of the arms. This system, after applying force to the rotor's arm (thrust), switches on the engine, which helps rotate the rotor to the starting position.

TECHNICAL PARAMETERS

- System of locks for both directions of pedestrian traffic.
- Locking the backward motion control button).
- Unlocking the locking system in case of voltage decay.
- Electromechanical support for rotor positioning.
- Anti-collision system.
- 1 x input to calibrate the arms' position.
- 1 x input to program the processor.
- Steering input for the first direction (e.g. for connecting a card reader and control button).
- Steering input for the second direction (e.g. for connecting a card reader and control button).
- 1 x feedback signal informing about the arms' rotation being done (Normal Closed or Normal Open).

FUNCTIONS

Locking the backward motion disables the arms rotation in the direction opposite to the one defined by the external controlling device. The blockade is to make it difficult to pass 2 people on the basis of a single authorization signal for the transition from an external device..



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1. NEW ELECTRONIC SYSTEM

The display allows you to change the configuration by setting in the program MENU. Readable MENU along with the possibility of changing many parameters of the device.

2. LED PICTOGRAMS

Visual information identifies unlocking or locking status of the device arms' movement. Green arrow indicates that the mechanism locking system is

NAMING SCHEME

3. ENTRY AND EXIT CONTROL

The device's mechanism is equipped with a system supporting pedestrian traffic control in both traffic directions (entry/exit from the control zone).

PARAMETER	VALUE
Power supply voltage:	(2x) ~24VAC
Maximum power consumption:	(2x) 130 VA
Minimum current:	(2x) 5 A
Control signal (adjustable):	(max. 1 sec)
Feedback signal (adjustable):	potential-free NO/NC
Operating temperature:	-25° do +50° C
Storage temperature:	-30° do +60° C
IP Code:	54
Max operating humidity:	10-80%

* It is possible to increase the degree of IP protection at the stage of ordering

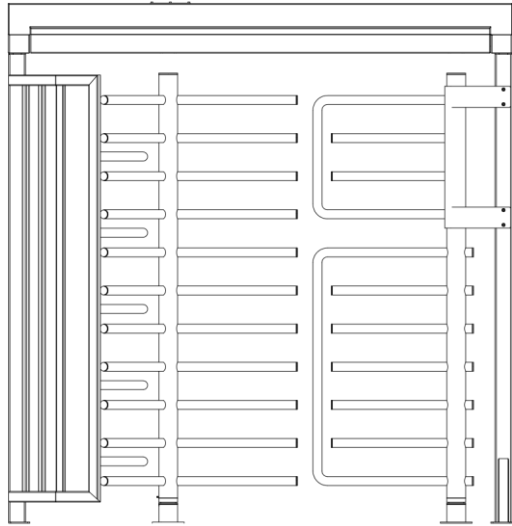
Marking description	Series	Number of lanes	Number of rotor wings	Finish type		
				Body	Roof	Rotor
Example	ZA3-2-R			N / O / D / M	N / O / D / M	N / O

TECHNICAL SPECIFICATIONS DEVICE

- Examples of markings:
- **ZA3-BL-2-R NNN - ZA3 series**
 - Available finishes:
 - **N - stainless**
 - **M - powder-coated**
 - **O - galvanized**
 - **D (duplex) - galvanized and powder-coated**

NOTE: Standard finish includes AISI 304 (INOX) stainless steel.

DIMENSIONS



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KEY:

- External control signal - S/UTP
- cable 24 V supply - OMY wire
- 3x1.5mm
- Foundation



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