Navkom

PRODUCT CATALOG

FORGET THE KEYS, UNLOCK WITH YOUR FINGER...

MISSION STATEMENT

Navkom is one of the leading European developers and producers of biometric access control devices, mainly for private use and small companies. In addition to offering our own range of products, we're developing and producing custom solutions for entrance door manufacturers and other access control related companies.

The company started dealing with biometrics in 2006 and quickly became recognized for simple yet powerful solutions and set new standards for home biometric market. Today, Navkom offers a full range of products for more comfortable and secure access to your homes and offices.

When designing our products, we follow a few simple but clear guidelines: quality and security, combined with user friendliness and modern design. We started the company with a mission to make biometric products available for everyday use and with the number of sold products well in 5 digits, we know we're on the right track.

FORGET THE KEYS, UNLOCK WITH YOUR FINGER...

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FINGERPRINT READER

REX bioreader

Dimensions: 81 x 37 mm
Installation method: in the door leaf, wall-mounted on 30° holder or flush-mounted
Adminstrator memory slots: 3
Fingerprint capacity: 1000
Relay outputs: 2
Sensor: area capacitive with 3D imaging
Device management: with remote control

It is one of the smallest and thinnest fingerprint readers on the market. Its aluminium casing is a sleek and inconspicuous design feature, suitable for any modern entrance door. Being remote-controlled, the REX bioreader casing has no keys or movable parts; it can trigger another device (e.g. an alarm, a second entrance, etc.). It can also be wall-mounted or flush-mounted over an electrical box.

REX bioreader package	R2BR1
external unit, internal unit, remote control, wiring	

REX touchpad CODE KEYPAD

REX touchpad is a classic-style code keypad with touch screen and blue backlight. It's been designed in a way to be easily installed inside the door leaf but can also be wall-mounted or flush-mounted. It consists of two units. Internal unit is always placed in the safe place (inside the door leaf or in a fuse box) and the communication between the units is protected by 256-bit rolling code.

REX touchpad package	R2TP1
external unit, internal unit, wiring	

Dimensions: 81 x 37 mm
Installation method: in the door leaf, wall-mounted on 30° holder or flush-mounted
Administrator code capacity: 1
User code capacity: 99
Relay outputs: 2
Code length: 4 - 16 characters
Backlight: blue

BLUETOOTH™ UNIT

REX bluetooth

Dimensions: 81 x 37 mm
Installation method: in the door leaf, wall-mounted on 30° holder or flush-mounted
Paired phones capacity: 100
Relay outputs: 2
Backlight: blue

REX bluetooth is a small and compact unit with an aesthetically pleasing flush mount design which unlocks the door with the help of a phone. Once a mobile phone is paired with REX bluetooth and is in it's range (approximately 2 m), blue backlight on the touchscreen of REX bluetooth starts flashing and a beep is heard. When the Bluetooth sign on the touchscreen is pressed, the door unlocks.
REX bluetooth has two relay ouputs, which enables it to control the alarm or open another door.

REX bluetooth package	R2BT1
external unit, internal unit, wiring	

ADD-ONS AND SPARE PARTS

REX bioreader external unit — R2BRZE

REX bioreader fingerprint reader

REX touchpad external unit — R2TPZE

REX touchpad code keypad

REX bluetooth external unit — R2BTZE

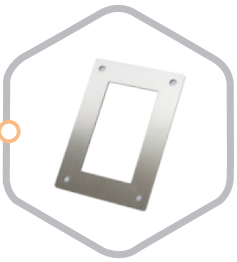
Bluetooth™ unit

universal internal unit — RXNEBB

universal internal unit for all REX products

remote control — RXREMOTE

REX remote control with four buttons



stainless steel rosette — R2IR1

stainless steel frame for flush-mounting 75 x 95 mm
for REX bioreader, touchpad and bluetooth

DIN power supply — DNP20DIN

power supply for DIN rail mounting, 12 V, 2.1 A

power supply — DNP20KAB

power supply for a socket, 12 V, 2 A

30° holder — R2IN1

30° stainless steel holder for wall-mounting
for REX bioreader, touchpad and bluetooth

wiring — RXCBB

wiring for connection between internal and external unit,
an electrical lock and a power supply

FRONT DOOR HANDLES WITH AN INTEGRATED FINGERPRINT READER

ROUND HANDLE Ø 30 MM

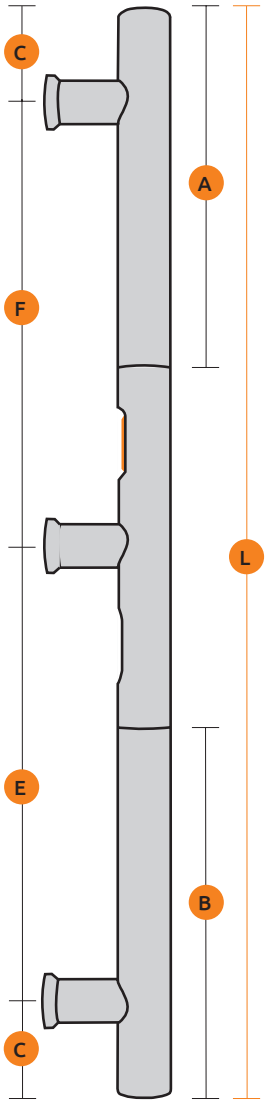
R SERIES

Today, stainless steel handles are incorporated in virtually all modern high standard entrance doors. REX handle brand is a line of stainless steel door handles with integrated fingerprint readers. The convenient placement of the capacitive area sensor on the handle enables the user to unlock and open the door at the same time. On the side, facing the user is a LED indicator while the sensor and two buttons for programming face the door. REX handle has two relay outputs, so it can unlock the door and trigger another device (alarm, garage door, etc.).

REX handle R series is an array of round stainless steel handles (ø 30 mm). It consists of three segments, fingerprint sensor is integrated in the middle one. It is mounted on the door by two or three either 90° or 45° mounting elements (depends on the length of the handle). The exit of the connection cables is through the upper mounting element.

Sizes: 600-1800 mm
Material: brushed stainless steel
Mounting angle: 45° or 90°
Installation method: on the door leaf
Administrator slots: 3
Fingerprint capacity: 1000
Relay outputs: 2

VARIANTS, MEASUREMENTS, ADD-ONS AND SPARE PARTS

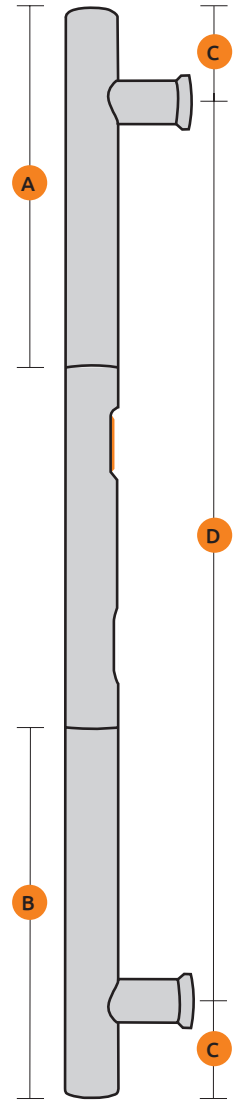


Variants with 90⁰ mounting angle

L	A	B	C	D	E	F	CODE
600 mm	200 mm	200 mm	50 mm	500 mm	---	---	R3NR9-0600
800 mm	200 mm	400 mm	100 mm	600 mm	---	---	R3NR9-0800
1000 mm	200 mm	600 mm	100 mm	800 mm	---	---	R3NR9-1000
1500 mm	500 mm	800 mm	100 mm	---	650 mm	650 mm	R3NR9-1500
1800 mm	500 mm	1100 mm	100 mm	---	950 mm	650 mm	R3NR9-1800

Variants with 45⁰ mounting angle

L	A	B	C	D	E	F	CODE
600 mm	200 mm	200 mm	50 mm	500 mm	---	---	R3NR4-0600
800 mm	200 mm	400 mm	100 mm	600 mm	---	---	R3NR4-0800
1000 mm	200 mm	600 mm	100 mm	800 mm	---	---	R3NR4-1000
1500 mm	500 mm	800 mm	100 mm	---	650 mm	650 mm	R3NR4-1500
1800 mm	500 mm	1100 mm	100 mm	---	950 mm	650 mm	R3NR4-1800



* It is possible to supply also non-standard handle sizes.

** Polished finish can be applied instead of brushing.

universal internal unit	RXNEBB	
universal internal unit for all REX products		

DIN power supply	DNP20DIN	
power supply for DIN rail mounting, 12 V, 2.1 A		

power supply	DNP20KAB	
power supply for a socket, 12 V, 2 A		

wiring	RXCBB	
wiring for connection between internal and external unit, an electrical lock and a power supply		

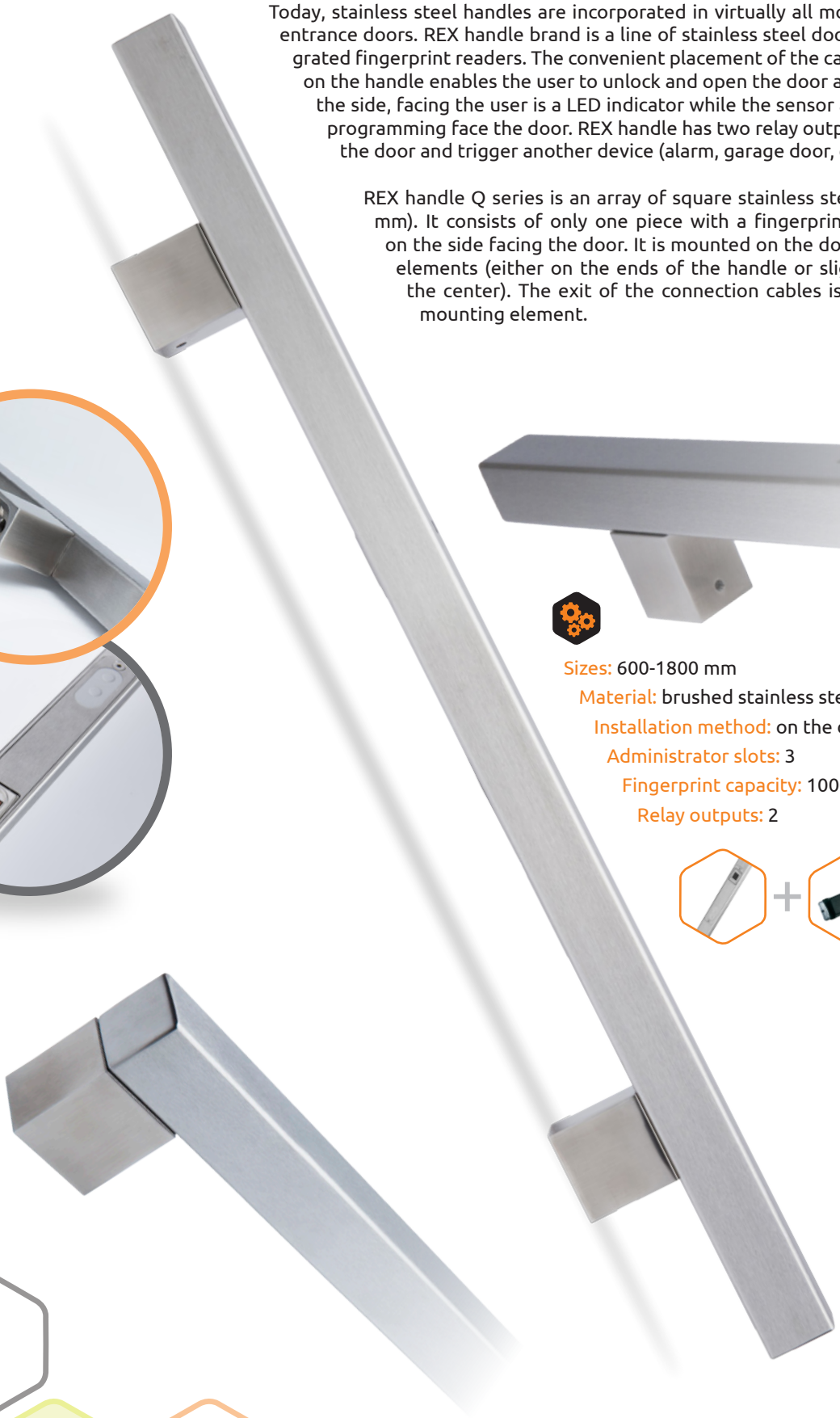
FRONT DOOR HANDLES WITH AN INTEGRATED FINGERPRINT READER

SQUARE HANDLE 30X30 MM

Q SERIES

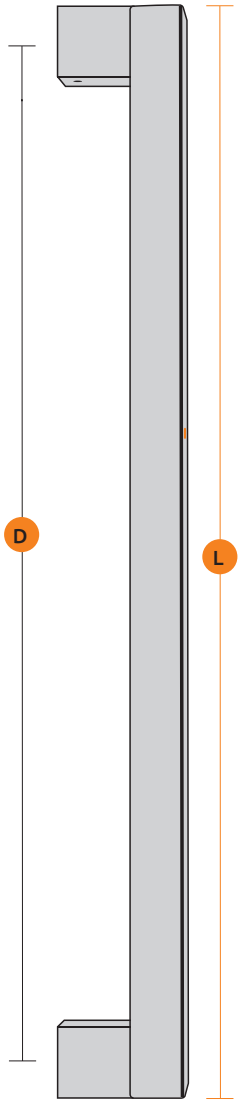
Today, stainless steel handles are incorporated in virtually all modern high standard entrance doors. REX handle brand is a line of stainless steel door handles with integrated fingerprint readers. The convenient placement of the capacitive area sensor on the handle enables the user to unlock and open the door at the same time. On the side, facing the user is a LED indicator while the sensor and two buttons for programming face the door. REX handle has two relay outputs, so it can unlock the door and trigger another device (alarm, garage door, etc.).

REX handle Q series is an array of square stainless steel handles (30 x 30 mm). It consists of only one piece with a fingerprint sensor integrated on the side facing the door. It is mounted on the door by two mounting elements (either on the ends of the handle or slightly tilted towards the center). The exit of the connection cables is through the upper mounting element.



Sizes: 600-1800 mm
Material: brushed stainless steel
Installation method: on the door leaf
Administrator slots: 3
Fingerprint capacity: 1000
Relay outputs: 2

VARIANTS, MEASUREMENTS, ADD-ONS AND SPARE PARTS



Mounting elements at the end of the handle

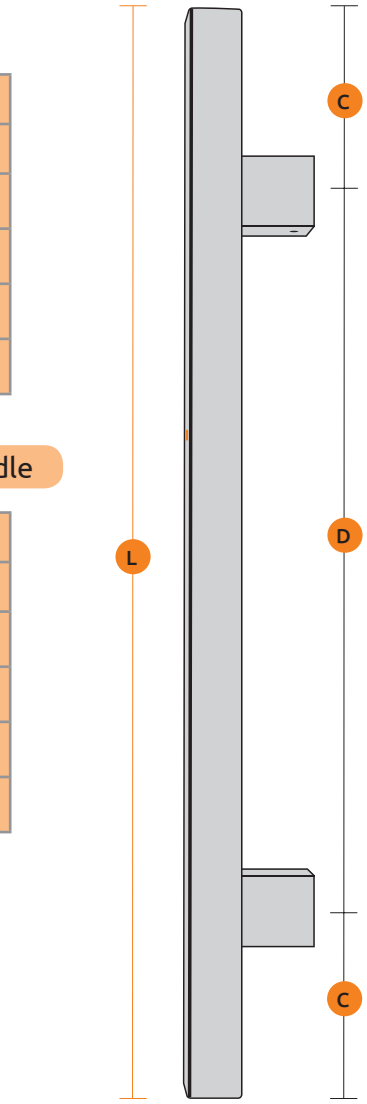
L	A	B	C	D	E	CODE
600 mm	---	---	---	540 mm	---	R3NQE-0600
800 mm	---	---	---	740 mm	---	R3NQE-0800
1000 mm	---	---	---	940 mm	---	R3NQE-1000
1500 mm	---	---	---	1440 mm	---	R3NQE-1500
1800 mm	---	---	---	1740 mm	---	R3NQE-1800

Mounting elements tilted towards the center of the handle

L	A	B	C	D	E	CODE
600 mm	---	---	50 mm	500 mm	---	R3NQM-0600
800 mm	---	---	100 mm	600 mm	---	R3NQM-0800
1000 mm	---	---	100 mm	800 mm	---	R3NQM-1000
1500 mm	---	---	100 mm	1300 mm	---	R3NQM-1500
1800 mm	---	---	100 mm	1600 mm	---	R3NQM-1800

* It is possible to supply also non-standard handle sizes.

** Polished finish can be applied instead of brushing.



universal internal unit | RXNEBB

universal internal unit for all REX products

DIN power supply | DNP20DIN

power supply for DIN rail mounting, 12 V, 2.1 A

power supply | DNP20KAB

power supply for a socket, 12 V, 2 A

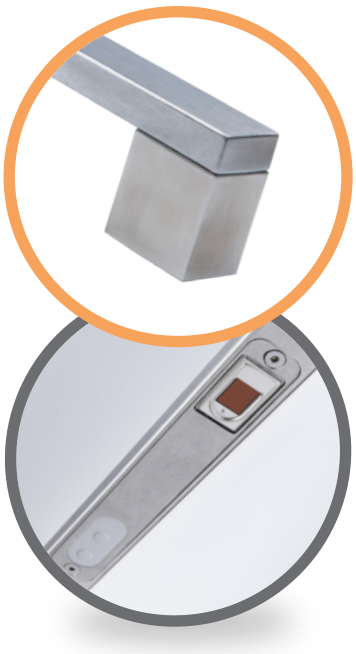
wiring | RXCBB

wiring for connection between internal and external unit, an electrical lock and a power supply

FRONT DOOR HANDLES WITH AN INTEGRATED FINGERPRINT READER

FLAT SQUARE HANDLE 30X15 MM

F SERIES

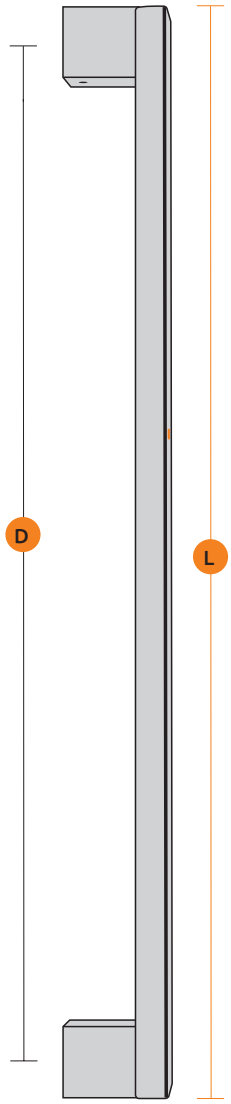


Today, stainless steel handles are incorporated in virtually all modern high standard entrance doors. REX handle brand is a line of stainless steel door handles with integrated fingerprint readers. The convenient placement of the capacitive area sensor on the handle enables the user to unlock and open the door at the same time. On the side, facing the user is a LED indicator while the sensor and two buttons for programming face the door. REX handle has two relay outputs, so it can unlock the door and trigger another device (alarm, garage door, etc.).

REX handle F series is an array of flat square stainless steel handles (30 x 15 mm). It consists of only one piece with fingerprint sensor integrated on the side facing the door. It is mounted on the door by two or three mounting elements (depends on the length of the handle). The exit of the connection cables is through the upper mounting element.

Sizes: 600-1800 mm
Material: brushed stainless steel
Installation method: on the door leaf
Administrator slots: 3
Fingerprint capacity: 1000
Relay outputs: 2

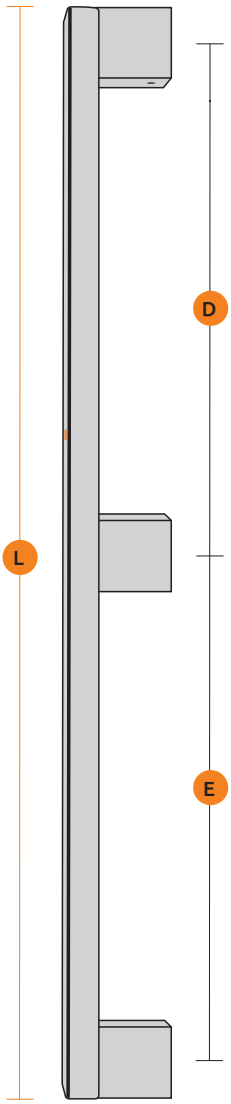
VARIANTS, MEASUREMENTS, ADD-ONS AND SPARE PARTS



L	A	B	C	D	E	CODE
600 mm	---	---	---	540 mm	---	R3NFE-0600
800 mm	---	---	---	740 mm	---	R3NFE-0800
1000 mm	---	---	---	940 mm	---	R3NFE-1000
1500 mm	---	---	---	720 mm	720 mm	R3NFE-1500
1800 mm	---	---	---	870 mm	870 mm	R3NFE-1800

* It is possible to supply also non-standard handle sizes.

** Polished finish can be applied instead of brushing.



universal internal unit | RXNEBB

universal internal unit for all REX products

DIN power supply | DNP20DIN

power supply for DIN rail mounting, 12 V, 2.1 A

power supply | DNP20KAB

power supply for a socket, 12 V, 2 A

wiring | RXCBB

wiring for connection between internal and external unit, an electrical lock and a power supply

FINGERPRINT READER

REX indoor

REX indoor is our first fingerprint reader, made for installation in the door leaf. It is programmed by two buttons, located on its stainless steel casing. The status of the device is indicated by a three-colour LED and an integrated beeper. It is fairly simple to operate with REX indoor. To unlock the door you simply place your finger on the sensor (or first press one of the buttons if the device is in the sleep mode). To enroll and delete users use the two buttons and all actions need to be confirmed by an adminstrator fingerprint.

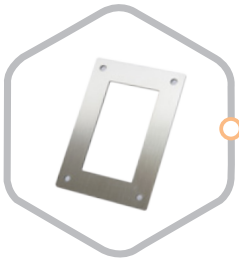
REX indoor package	R1ELOX1
external unit, internal unit, wiring	

Dimensions: 52 x 75 mm
Installation method: in the door leaf, wall-mounted on 30° holder or flush-mounted
Adminstrator memory slots: 3
Fingerprint capacity: 1000
Relay outputs: 2
Sensor: area capacitive with 3D imaging
Device management: with two buttons on the casing

ADD-ONS AND SPARE PARTS

REX indoor external unit	R1ELOXZE
REX indoor fingerprint reader	

universal internal unit	RXNEBB
universal internal unit for REX products	



stainless steel rosette	R1IR1
stainless steel frame for flush-mounting 75 x 95 mm	

DIN power supply	DNP20DIN
power supply for DIN rail mounting, 12 V, 2.1 A	

power supply	DNP20KAB
power supply for a socket, 12 V, 2 A	

30° holder	R1IN1
30° stainless steel holder for wall-mounting	

wiring	RXCBB
wiring for connection between internal and external unit, an electrical lock and a power supply	

BATTERY POWERED CYLINDER LOCK WITH AN INTEGRATED FINGERPRINT READER

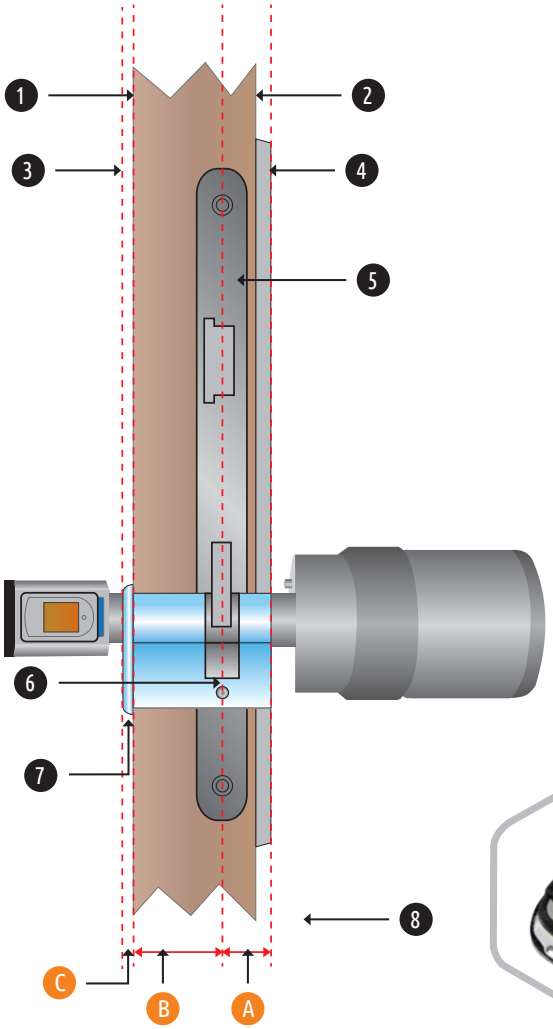
BARVNI ODTENKI

REX cylinder is a patented revolutionary novelty in the segment of fingerprint readers. Mountable in any left or right door featuring a Euro profile door lock, it combines a cylinder lock with a fingerprint reader. It is powered by two AA 1.5V batteries, but it also allows for emergency power supply from the outside, should the batteries go completely empty. The expected battery life is at least 12 months with normal use. REX cylinder can be programmed with a help of an enclosed remote control which can also be used for unlocking. REX cylinder can always be locked from the outside (even without fingerprint verification) but always lock and unlock from the inside with the help of a lever on the knob.
The first three fingerprint memory slots are reserved for administrative fingerprints. One of those has to be always present when enrolling or deleting user fingerprints. REX cylinder is patented under the patent number P-201500016.

REX cylinder package silver	R4SILVER
REX cylinder, remote control, batteries, 2 x hex key	

REX cylinder package black	R4BLACK
REX cylinder, remote control, batteries, 2 x hex key	

Adminstrator memory slots: 3
Fingerprint capacity: 1000
Sensor: area capacitive
Device management: with remote control



INSTRUCTIONS FOR CYLINDER MEASUREMENTS/SPARE PARTS

1. Inner side of the door
2. Outer side of the door
3. Lock shield on the outer side of the door
4. Lock shield on the inner side of the door
5. Lock
6. Screw for fixing the REX cylinder
7. Rosette
8. Required cylinder dimension, by which 2 distances are taken into account: A - between the inner shield and the middle of the screw for fixing the cylinder and B - between the outer shield and the middle of the screw for fixing the cylinder and C - between the end point of the cylinder and the outer edge of the rosette.

When ordering, please specify all 3 measurements.

remote control	RXREMOTE
REX remote control with four buttons	

FINGERPRINT READER

ARX one is a fingerprint reader with a thermal swipe sensor in a plastic casing that resembles a light switch. It can be wall-mounted or flush-mounted so it is a good choice for a harsher environment where installing in the door leaf is not possible. It is available in four different colors.

It is fairly simple to operate with ARX one. To unlock the door you simply swipe your finger over the sensor. To enroll and delete users you use the two buttons. The first three memory slots are reserved for administrator fingerprints, while all the rest are user memory slots. Enrolling or deleting a user has to be confirmed by an administrator finger.

Dimensions: 83 x 83 mm
Installation method: wall-mounted or flush mounted over electrical box
Administrator memory slots: 3
Fingerprint capacity: 1000
Relay outputs: 2
Sensor: thermal swipe
Device management: with two buttons on the casing

COLOR VARIATIONS

ARX one package white	A1PB	external unit, internal unit
ARX one package silver	A1PS	external unit, internal unit
ARX one package black	A1PC	external unit, internal unit
ARX one package beige	A1PI	external unit, internal unit

ADD-ONS AND SPARE PARTS

external unit white	A1ZEB	ARX one external unit
external unit black	A1ZEC	
external unit silver	A1ZES	
external unit beige	A1ZEI	

internal unit	A1NE	ARX one internal unit

DIN power supply	DNP20DIN	power supply for DIN rail mounting, 12 V, 2.1 A

power supply	DNP20KAB	power supply for a socket, 12 V, 2 A

FINGERPRINT READER FOR ACCESS CONTROL

It looks very similar to ARX one but it has no buttons on the casing and is controlled via Bluetooth through an app installed on your smartphone, tablet or laptop. It also offers much more: it enables viewing the event log, a restrict access at a specific time or zone, and the transfer of users from unit to unit.

What does ARX manager offer?

- 3 relay outputs
- scheduled entries
- history of events
- advanced user management
- up to three fingerprint readers in a system

Dimensions: 83 x 83 mm

Installation method: wall-mounted or flush-mounted over electrical box

Administrator memory slots: unlimited

Fingerprint capacity: 1000

Relay outputs: 3

Sensor: thermal swipe

Device management: via the appplication on a smartphone, a tablet or a computer

COLOR VARIATIONS

ARX manager package white	A2PB	external unit, internal unit
ARX manager package silver	A2PS	external unit, internal unit
ARX manager package black	A2PC	external unit, internal unit
ARX manager package beige	A2PI	external unit, internal unit

ADD-ONS AND SPARE PARTS

external unit white	A2ZEB	
external unit black	A2ZEC	
external unit silver	A2ZES	
external unit biege	A2ZEI	
ARX manager external unit		

internal unit	A2NE	
ARX manager internal unit		

DIN power supply	DNP20DIN	
power supply for DIN rail mounting, 12 V, 2.1 A		

power supply	DNP20KAB	
power supply for a socket, 12 V, 2 A		

NOTES

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