bedrunka+hirth

Workplace up to date – mehr Raum zum Arbeiten

Bedienungsanleitung

E-SCHLÖSSER

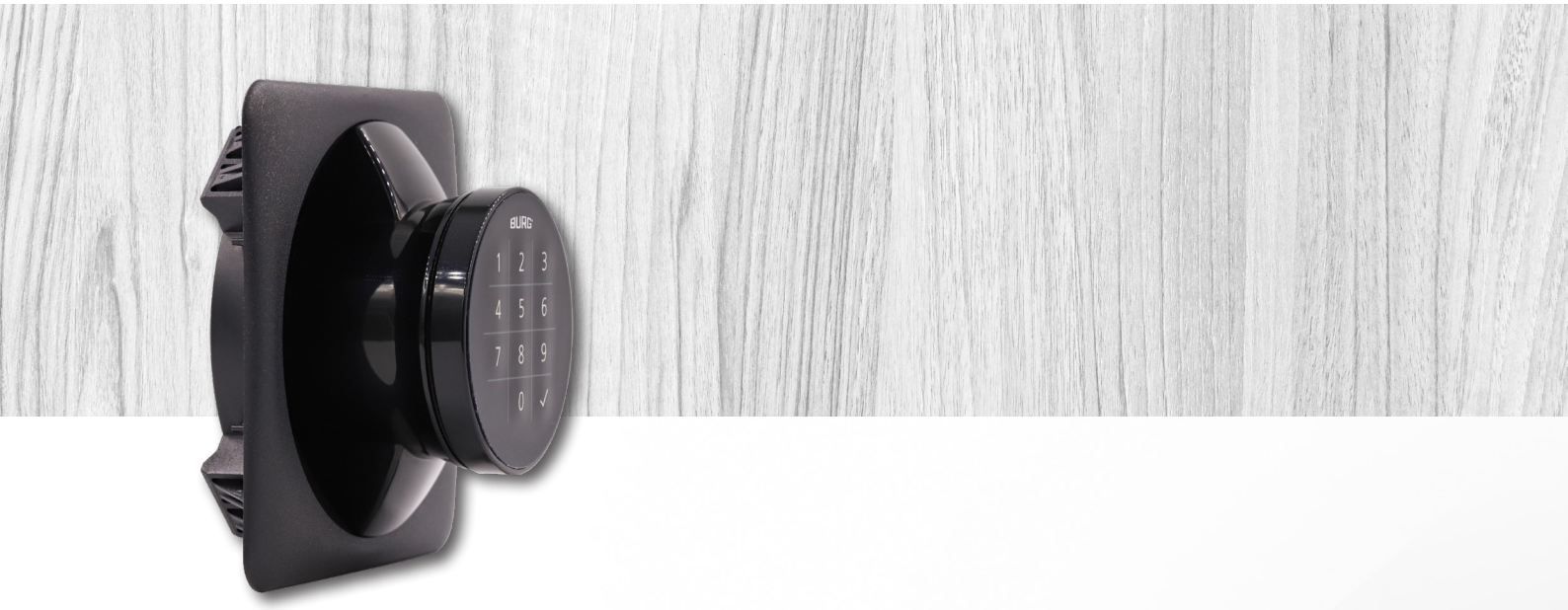
NIRO - FLEX - VERSA

Version: November 2025

BURG®

bedrunka+hirth

Workplace up to date – mehr Raum zum Arbeiten



Flexo Q.Code

Operating Manual

GERMAN DESIGN AWARD WINNER 2024

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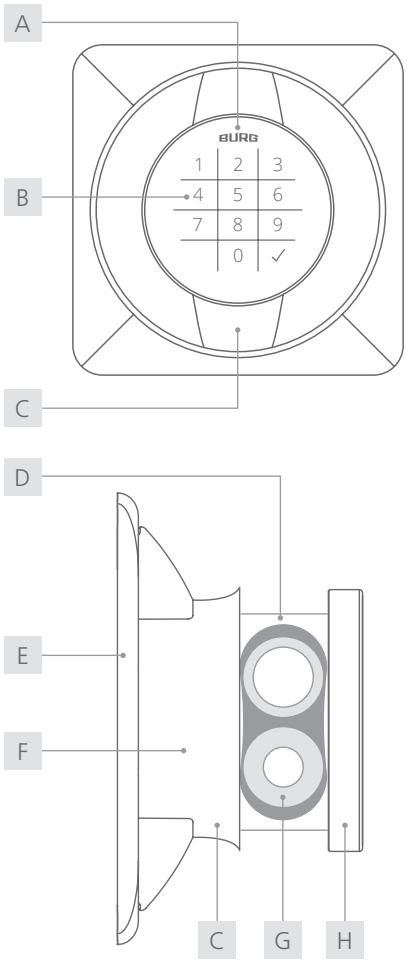
Flexo Q.Code



A	LED	B	touchpad key
C	handle	D	battery compartment
E	housing (handle)	F	housing (lock)
G	battery	H	operating panel

Content

General

The latest version of this guide is available at:
www.burg.de

Important notes:

- Please observe all important notes and read the entire operating manual before starting the configuration.
- Before putting the locking system into operation, refer to "Commissioning" on page **5**.
- Master cards must be kept in a safe place. If lost, no further configurations can be made.

To the video:
operation

To the video:
assembly

To the video:
battery change

Factsheet

Front view

Back view

Technical Data

Dimension	86 mm x 86 mm
Battery[1]	VARTA[1] ½ AAH-R (2x) 850 mAh, CR High Power
Locking cycles	approx. 30,000
Material	housing: plastic stator: zamak
Humidity (rel.)	10% - 80%
Temperature range	working temperature: 0°C to 55°C storage temperature: -20°C to 70°C
Degree of soiling	2
IP class	IP30
Application areas	indoor
Mounting dimension	72 mm x 72 mm
Max. door thickness	0.7 mm to 1.2 mm
Lock attachment	clips
Cam type	B
Locking direction	left (90°), door hinge: DIN right right (90°), door hinge: DIN left
Mode	multi-user mode (default), private mode
No. of possible codes	999,999
Code length	4- or 6-digit
No. of master codes	max. 1
No. of codes	max. 50 (private mode)

Scope of Delivery

- 1x locking system
- 1x retaining plate
- 1x type plate label
- 1x cam fixing screw[2] (M6 x 12 mm)
- 1x two-point cam type B

Default Settings

Mode	multi-user mode
Master code	934716
Code length	4-digit
Locking	manually
LED locking indication	on
Confirmation code	off

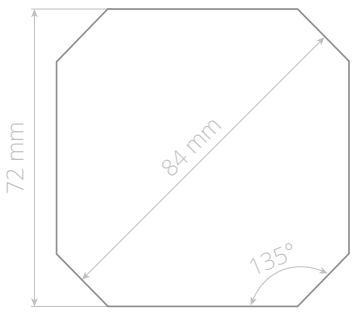
Optional Accessories

- battery (VARTA[1] ½ AAH-R)
- anti-twist protection (W-MSZ-01)
- opening pin
- cam type B (order-related)

Features

- ergonomic handling and high-quality design
- external battery access and battery change
- integrated real-time clock (RTC) for individually definable time settings
- high-quality keyboard with tactile feedback
- easy to retrofit, e.g. to replace mechanical handle systems
- adjustable cam (in 90° steps)

Mounting Dimensions[3]



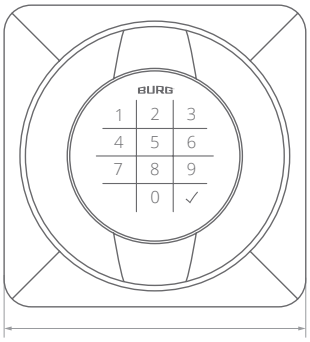
[1] The lock is approved for VARTA brand batteries. The use of other batteries may lead to malfunctions (s. point „battery note").

[2] The use of a screw with a different length may cause damage to the lock.

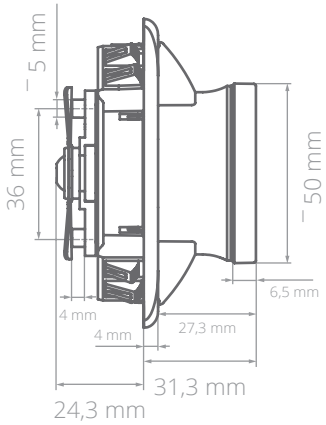
[3] Mounting dimensions and templates (STEP files) for milling, punching or lasering can be requested from BURG.

Product Dimensions

Front view



Side view



Functional Description

Mode: multi-user authorization (multi-user mode)
This mode is suitable for changing user groups where the locker is only used temporarily or once, e.g. in a sports facility. Codes are valid for a single locking process and are deleted from the lock when the compartment is reopened. The lock remains open until a new code locks the lock again.

Mode: fixed assigned authorization (private mode)
In this mode, a code is preset with which the lock can be operated. This mode is suitable for user groups where the usage rights should not change permanently, e.g. for an office cabinet. The lock can only be operated with a stored code. Codes that are not stored are rejected by the lock.

Confirmation code (for multi-user mode)
To lock the lock, the code must be entered twice. The lock locks after the second entry. The second entry is made after the green LED flashes briefly. A simple code entry is sufficient to open the lock. This function can be turned on or off.

LED locking indication
If the lock is locked, the red LED flashes at short intervals. This function can be turned on or off.

Battery warning
If the battery voltage falls below a certain level (*phase 1*), the red LED lights up for a few seconds when the code is entered. The lock can still be operated. If the voltage drops further (*phase 2*), the lock can no longer be locked. If the voltage falls into the critical range (*phase 3*), the lock can no longer be operated.

Master code
The master code authorizes the programming of the lock. In addition, the master code can unlock the lock independently of the set mode (emergency opening) and terminate the block mode. In multi-user mode, the code used for locking is deleted after the master code is entered.

Note: We recommend programming a private master code during commissioning.

Automatic locking (for private mode)
After unlocking, the lock locks automatically after a few seconds. This function can be turned on or off.

Block mode
If the code is entered incorrectly three times in succession, the lock locks for 45 seconds. The red LED flashes at short intervals. The lock cannot be operated during this period. The block mode can also be ended by entering the master code.

Real-Time-Clock = RTC
The lock has an integrated real-time clock that enables time-related settings. If time-related settings are required, these must be specified when ordering. The functions are configured at BURG.

Automatic locking / unlocking (RTC function)
Automatic locking and unlocking takes place at set times. The times can be defined for each day of the week.

Usage period (RTC function)
The lock can only be used within a defined period of time. The lock cannot be operated outside this period. The usage period can be defined for each day of the week.

Closure duration (RTC function)
The locking duration defines the maximum period for which a lock may be closed from the time it is locked. The lock opens automatically once the locking period has expired. The locking duration can be defined for each day of the week.

LED Signals

Green LED (flashes briefly)
Acceptance of authorized codes and successful opening process / configuration step.

Green LED (flashing)
The lock is in configuration mode.

Red LED (flashing)
The lock is in the closed state or in block mode.

Red LED (flashes briefly)
Cancel an entry.

Red LED (flashes briefly after code entry)
Battery power decreases.

Red LED (8x flashing)
Rejection of unauthorized codes or incorrect entry during the configuration process.

Comissioning

1 First steps

1. Remove the lock from packaging and open the battery compartment (for help, see page **10** "Battery change").
2. Insert the batteries according to the (+ / -) symbols. Wait the green and then the red LED. Close the battery compartment. The lock is now ready for use.
3. Set private master code (chapter: Configuration, point **1**: „Master code setting").

Configuration

- Each configuration step is started by entering the master code, pressing the hook button twice and entering the corresponding digit.
- Entering the **master code** always begins by pressing the hook button twice and the **digit 1**. The entry is always ended by pressing the hook button once.
- Each configuration step is completed with the green LED flashing twice. Only then can the next configuration step be started.
- The red LED flashes 8 times to indicate that the configuration step has not been carried out correctly or the code / master code has not been entered correctly.

1 Master code setting

Up to **1** master code can be stored. The master code must be 6 digits long.

1. Enter old master code:

   ✓✓ **1** Mastercode ✓

   Wait for the green LED flashing twice.

2. Set new master code:

   ✓✓ **7** xxx xxx ✓

   The green LED flashing twice confirms the successful process.

2 Mode change

When the mode is changed, all functions are reset to the factory setting. The master code is retained.

a) Multi-user mode

1. Enter master code:

   ✓✓ **1** Mastercode ✓

   Wait for the green LED flashing twice.

2. Set the mode:

   ✓✓ **5 1** ✓

   The green LED flashing twice confirms the successful process.

b) Private mode

When changing the mode to private mode, a private code must be set before use (chapter: Configuration, point **3b** "Set the code"). If no code is set, the lock cannot be locked.

1. Enter master code:

   ✓✓ **1** Mastercode ✓

   Wait for the green LED flashing twice.

2. Set the mode:

   ✓✓ **5 0** ✓

   The green LED flashing twice confirms the successful process.

3. Set the code.

3 Code configuration

a) Set the code length

When the code length is changed, all codes stored in private mode are deleted (master code excluded).

1. Enter master code:

   ✓✓ **1** Mastercode ✓

   Wait for the green LED flashing twice.

2. Set the code length (4-digit to default setting):

   ✓✓ **0 4** ✓ (4-digit)

   ✓✓ **0 6** ✓ (6-digit)

   The green LED flashing twice confirms the successful process.

b) Set the code (private mode)

Up to 50 codes can be stored. The code length is 4 or 6 digit depending on the setting.

1. Enter master code:

   ✓✓ **1** Mastercode ✓

   Wait for the green LED flashing twice.

2. Set the code:

   ✓✓ **3** xxxx (xx) ✓

   The green LED flashing twice confirms the successful process.

c) Delete the code (private mode)

1. Enter master code:

   ✓✓ **1** Mastercode ✓

   Wait for the green LED flashing twice.

2. Delete the code:

   ✓✓ **9** xxxx (xx) ✓

   The green LED flashing twice confirms the successful process.

4 Function setting

a) Automatic locking (private mode)

1. Enter master code:

   ✓✓ **1** Mastercode ✓

   Wait for the green LED flashing twice.

2. Activate / deactivate mode:

   ✓✓ **6 1** ✓ (activate)

   ✓✓ **6 0** ✓ (deactivate)

   The green LED flashing twice confirms the successful process.

b) Confirmation code (multi-user mode)

1. Enter master code:

   ✓✓ **1** Mastercode ✓

   Wait for the green LED flashing twice.

2. Activate / deactivate mode:

   ✓✓ **2 1** ✓ (activate)

   ✓✓ **2 0** ✓ (deactivate)

   The green LED flashing twice confirms the successful process.

c) LED locking indication

1. Enter master code:

   ✓✓ **1** Mastercode ✓

   Wait for the green LED flashing twice.

2. Activate / deactivate mode:

   ✓✓ **8 1** ✓ (activate)

   ✓✓ **8 0** ✓ (deactivate)

   The green LED flashing twice confirms the successful process.

Operation

1 Multi-user mode

a) **Lock**

> If the confirmation code is activated, the code used for locking must be entered **twice** in succession.

1. Enter code:

   xxxx (xx)

   The green LED confirms the successful process.

b) **Unlock**

1. Enter code:

   xxxx (xx)

   The green LED confirms the successful process.

2 Private mode

a) **Unlock**

1. Enter code:

   xxxx (xx)

   The green LED confirms the successful process.

b) **Lock (manually)**

1. Enter code:

   xxxx (xx)

   The green LED confirms the successful process.

c) **Lock (automatically)**

1. When automatic locking is activated, the lock locks automatically after a few seconds. To close the door, press it shut and turn the knob back to the starting position (logo on top) until it clicks into place.

Master Code Entry

> - Entering the **master code** always begins by pressing the hook button twice and the **digit 1**. The entry is always ended by pressing the hook button once.
> - In multi-user mode, the code used for locking is deleted after the master code is entered.

1. Enter master code:

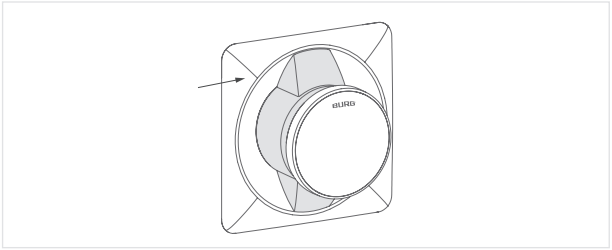
   ✓✓ **1** Mastercode ✓

   The green LED flashing twice confirms the successful process.

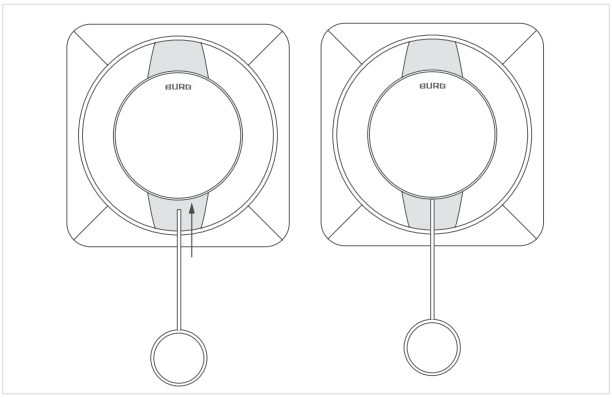
Battery Change

The **opening pin** is required to change the battery. To open the battery compartment, only the housing (shown as a gray area in the sketches) needs to be turned.

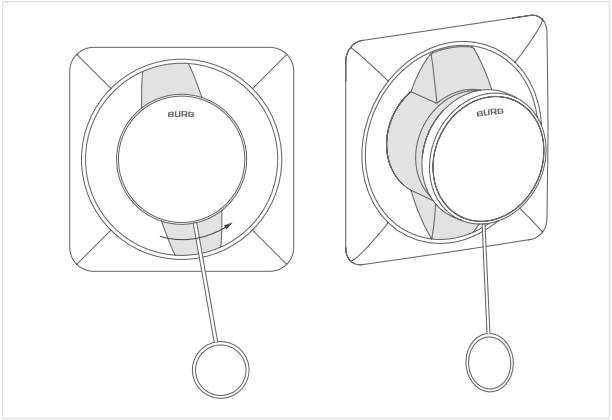
1 When disassembled, the lock must be held by the square housing (handle). When fitted, the lock does not need to be held in place.



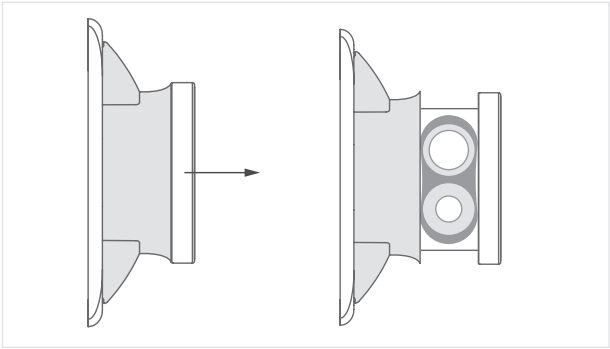
2 Carefully insert the opening pin into the closure hole underneath the operating panel until resistance is reached and press lightly.



3 Hold the opening pin in position and turn the pin with the housing (shown as a gray area in the sketch) counterclockwise by approx. 10°. The operating panel is not rotated during this process.



4 Remove the opening pin and pull the operating panel forwards.



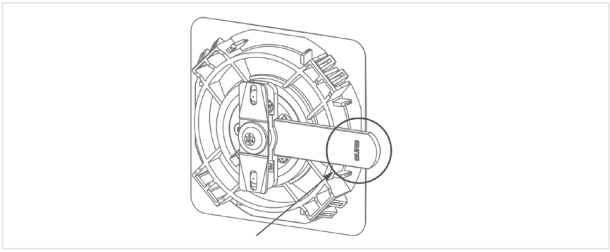
5 Remove the battery compartment cover. Replace the batteries according to the (+/-) symbols and reinsert the battery compartment cover.

6 Push back the operating panel. Carefully turn the housing (shown as a gray area in the sketches) clockwise until it clicks into place.

Assembly Note

Please observe the following instructions before starting the assembly.

1 The cam is only attached after the handle has been fitted. When the cam is attached, the embossed logo faces away from the lock and is therefore visible from behind:



2 If the electronic lock is installed in the European Economic Community (EU and EFTA), the enclosed type plate must be clearly visible, legible and permanently affixed to the cam (on the back of the door). Otherwise the product does not comply with the safety standard of the RED (Radio Equipment Directive).

Conformity / Certification

CE Declaration of Conformity

Hereby, **BURG Lüling GmbH & Co. KG** declares that the radio equipment, type **Flexo Q.Code**, is in conformity with Directives 2014/30/EU and 2011/65/EU. The full text of the EU Declaration of Conformity can be found at the following link:

https://www.burg.de/files/downloads/Declaration-of-Conformity/BURG_DoC_FlexoQCode_EN.pdf

FCC Compliance

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: The user is not permitted to change or modify this class B equipment unless expressly authorized to do so by the party responsible for ensuring compliance. Changes or modifications could void the user's authority to operate the equipment.

IC Compliance

This class B device complies with Industry Canada RSS standard ICES-003. Operation is subject to the following two conditions:

(1) This device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Cet appareil de la classe B est conforme à la norme NMB-003 d'Industrie Canada applicable aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) L'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Les changements ou modifications non expressément approuvés par la partie responsable de la conformité peuvent annuler l'autorité de l'utilisateur à faire fonctionner l'équipement.

US Representative (company stamp or address):

Guarantee and Warranty

The warranty is subject to the statutory provisions. If you have any questions, please contact a specialist dealer or use the contact details below. Spare parts can be found at specialist dealers or at: **www.burg.shop**

Cleaning and Care Instructions

Remove the batteries before cleaning the appliance. Carefully clean the surfaces of the appliance with a damp, clean cloth. Chemical cleaning agents must not be used. Do not allow dust or liquids to enter the device.

Disposal and Battery Note

EU Directive 2012/19/EU regulates the proper take-back, treatment and recycling of used electronic devices.

Every consumer is legally obliged to dispose of batteries, rechargeable batteries or electrical and electronic devices ("old devices") that are powered by batteries or rechargeable batteries separately from household waste, as they contain harmful substances and valuable resources. They can be disposed of at an approved collection or take-back point, e.g. a local recycling center. Old appliances, batteries and rechargeable batteries are accepted there free of charge and recycled in an environmentally friendly and resource-saving manner. Old electrical appliances, used batteries or rechargeable batteries can also be returned to us. The return shipment must be sent with sufficient postage to the address below. The following symbol on waste electrical equipment, batteries or rechargeable batteries indicates that they must not be disposed of with household waste:

Important notes on the use of batteries:

- The use of high-quality brand batteries is essential for the correct functioning of the locking system. BURG locking systems are approved ex works for the specified industrial batteries of the VARTA brand. The use of batteries of other brands can lead to a reduced number of possible locking cycles as well as to limited functionality and functional problems, as experience has shown that batteries of other brands even with the same specifications have different performance characteristics. BURG does **not guarantee** the functionality of the locking system when using batteries of a brand other than those specified above.
- If both batteries are removed at the same time when changing the batteries or over a longer period of time, settings relating to the integrated real-time clock (RTC) will be lost.
- The battery may explode or release flammable gases if it is handled incorrectly, destroyed or the wrong type of battery is used. Do not recharge the battery, disassemble it, expose it to extremely high temperatures or throw it into a fire. Batteries containing harmful substances are labeled with abbreviations for the substances cadmium *(Cd)*, mercury *(Hg)* and lead *(Pb)*. If the lock is not used for a longer period of time, the batteries must be removed.

Contact

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BURG®

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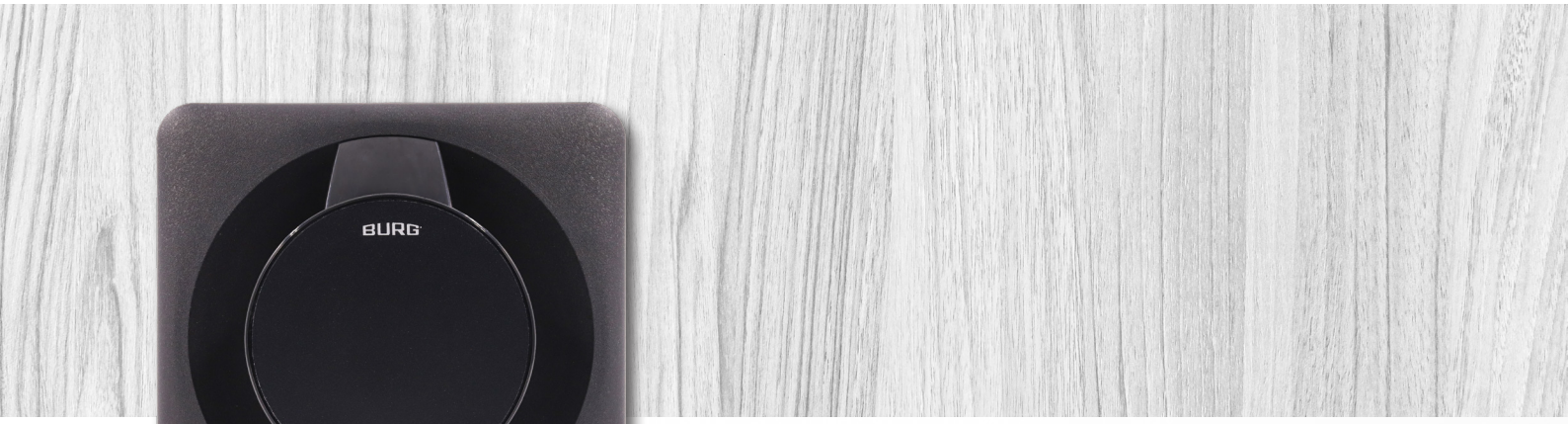

Flexo Q.RFID

Operating Manual

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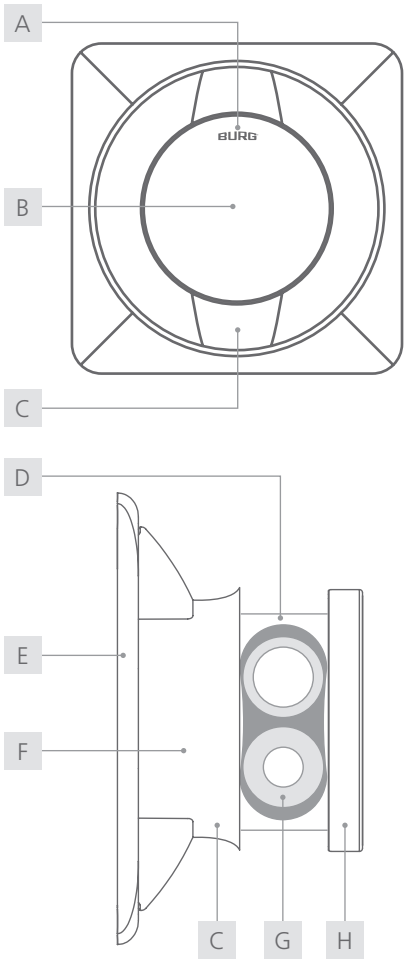
Flexo Q.RFID



A	LED	B	RFID antenna
C	handle	D	battery compartment
E	housing (handle)	F	housing (lock)
G	battery	H	operating panel

Content

General

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Important notes:

- Please observe all important notes and read the entire operating manual before starting the configuration.
- Before putting the locking system into operation, refer to "Commissioning" on page **5**.
- Master cards must be kept in a safe place. If lost, no further configurations can be made.

To the video:
operation

To the video:
assembly

To the video:
battery change

Factsheet

Front view

Back view

Technical Data

Dimension	86 mm x 86 mm
Battery[1]	VARTA[1] ½ AAH-R (2x) 850 mAh, CR High Power
Locking cycles	approx. 25,000
Material	housing: plastic stator: zamak
Humidity (rel.)	10% - 80%
Temperature range	working temperature: 0°C to 55°C storage temperature: -20°C to 70°C
Degree of soiling	2
IP class	IP30
Application area	indoor
Mounting dimension	72 mm x 72 mm
Max. door thickness	0.7 mm to 1.2 mm
Lock attachment	clips
Cam type	B
Locking direction	left (90°), door hinge: DIN right right (90°), door hinge: DIN left
Mode	multi-user mode (default), private mode
RFID types	MIFARE® Classic (read / write), MIFARE® DESFire® EV (read)
No. of master cards	max. 3
No. of manager cards	max. 2
No. of user cards	max. 10

Default Settings

Mode	multi-user mode
Occupancy identification	on

Scope of Delivery

- 1x locking system
- 1x retaining plate
- 1x type plate label
- 1x cam fixing screw[2] (M6 x 12 mm)
- 1x two-point cam type B

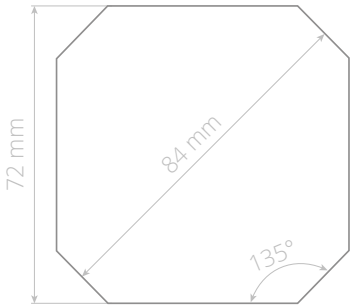
Optional Accessories

- battery (VARTA[1] ½ AAH-R)
- anti-twist protection (W-MSZ-01)
- master card / manager card (assigned)
- user card
- function card „mode switch“
- function card „reset“
- sector card set (sector 0 to sector 15)
- opening pin
- cam type B (order-related)

Features

- ergonomic handling and high-quality design
- external battery access and battery change
- RFID types: MIFARE® Classic / MIFARE® DESFire® EV
- integrated occupancy identification with MIFARE® Classic
- easy to retrofit, e.g. to replace mechanical handle systems
- adjustable cam (in 90° steps)

Mounting Dimensions[3]



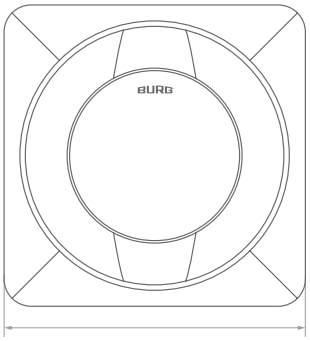
[1] The lock is approved for VARTA brand batteries. The use of other batteries may lead to malfunctions (s. point „battery note“).

[2] The use of a screw with a different length may cause damage to the lock.

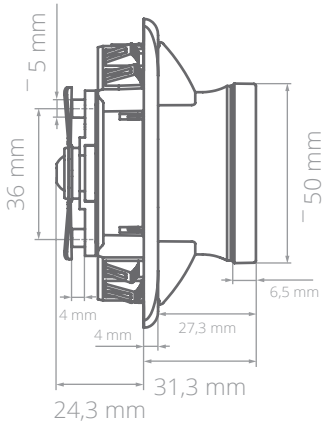
[3] Mounting dimensions and templates (STEP files) for milling, punching or lasering can be requested from BURG.

Product Dimensions

Front view



Side view



Functional Description

For operation with MIFARE® DESFire® EV transponders, the occupancy identification must be deactivated (chapter: Configuration, point **4c** "Deactivate occupancy identification")

Mode: multi-user authorization (multi-user mode)
This mode is suitable for changing user groups where the locker is only used temporarily or once, e.g. in a sports facility. Transponder media are valid for a single locking process and are deleted from the lock when the compartment is reopened. The lock remains open until a new transponder medium locks the lock again.

Mode: fixed assigned authorization (private mode)
In this mode, a transponder medium is preset with which the lock can be operated. This mode is suitable for user groups where the usage rights should not change permanently, e.g. for an office cabinet. The lock can only be operated with a stored transponder medium. Transponder media that are not stored are rejected by the lock.

Master card
The master card can open the lock regardless of the set mode (emergency opening). In multi-user mode, the transponder medium used for locking is deleted from the lock. The master card also authorizes the programming of master, manager and user cards (in private mode).

Occupancy identification (for multi-user mode)
During the locking process, the transponder medium used for locking is assigned an occupancy identification. The occupancy identification prevents the transponder medium from locking another lock. The occupancy identification is canceled again during the opening process.

Note: This function is only possible with MIFARE® Classic transponder media. The occupancy identification can also be deleted from the transponder medium using the release box (e.g. after opening with a master card or manager card).

Manager card
The manager card can unlock the lock regardless of the set mode (emergency opening).

Mode card
The mode card can be used to change the mode (multi-user mode / private mode).

Reset card
The reset card deletes all cards and transponder media (master cards, manager cards and user cards).

Note: The reset card can only be used when the lock is unlocked.

LED locking indication
If the lock is locked, the red LED flashes at short intervals.

Automatic locking (for private mode)
After unlocking, the lock locks automatically after a few seconds. The latch function allows the door to be closed by pressing slightly.

Battery warning
If the battery voltage falls below a certain level (*phase 1*), three descending beeps sound when a transponder medium is presented. The lock can still be operated. If the voltage drops further (*phase 2*), the lock can no longer be locked. If the voltage falls into the critical range (*phase 3*), the lock can no longer be operated.

LED & Sound Signals

Green LED (flashes briefly) / signal tone (ascending)
Acceptance of authorized transponder media and successful unlocking process / configuration step.

Green LED (flashing)
The lock is in configuration mode.

Red LED (flashes briefly)
Successful locking process or successful mode change to private mode.

Red LED (flashing)
The lock is locked.

Red LED (3x flashing) / signal tone (3x short)
Canceling the configuration process.

Red LED (8x flashing) / signal tone (4x short)
Rejecting unauthorized transponder media.

Signal tone (3x descending during operation)
Battery power decreases.

Guarantee of Transponder Compatibility

When using RFID transponder media that have not been approved by BURG, no guarantee of compatibility is given.

Commissioning

- The first card that is held in front of the lock during commissioning or after deleting the cards / resetting is stored as the **master card**.
- We recommend to assign all 3 master cards during commissioning and keeping the master cards in a safe place.

1 First steps

1. Remove the lock from packaging and open the battery compartment (for help, see page **7** "Battery change").
2. Insert the batteries according to the (+ / -) symbols. Wait for the beep, the green and then the red LED. Close the battery compartment.
3. Hold the **master card** to be assigned centrally in front of the knob. A beep and the green LED confirm the successful process.

Note: To assign further master cards, follow point **1a** *- "Further master cards" in the chapter "Configuration".*

Configuration

Unauthorized cards are rejected by the lock with four short beeps and the red LED flashing 8 times.

1 Assign cards

a) Further master cards

1. Hold the master card **2x** centrally in front of the knob. The first time the card is held in front of the lock, an ascending beep sounds and the green LED lights up. The lock is now unlocked. When the card is held in front of the knob again, a short beep sounds and the green LED starts to flash.
2. Hold the master card to be assigned centrally in front of the knob. A beep confirms the successful process.
3. If required, hold further master cards in front of the knob while flashing.
4. Wait until the LED stops flashing.

Note: Max. **3** *master cards can be assigned.*

b) Manager cards

1. Hold the master card **4x** centrally in front of the knob. The first time the card is held in front of the lock, an ascending beep sounds and the green LED lights up. The lock is now unlocked. When the card is held in front of the knob again, a short beep sounds and the green LED starts to flash.
2. Hold the manager card to be assigned centrally in front of the knob. A beep confirms the successful process.
3. If required, hold further manager cards in front of the knob while flashing.
4. Wait until the LED stops flashing.

Note: Max. **2** *manager cards can be assigned.*

c) User cards (private mode)

1. Hold the master card **3x** centrally in front of the knob. The first time the card is held in front of the lock, an ascending beep sounds and the green LED lights up. The lock is now unlocked. When the card is held in front of the knob again, a short beep sounds and the green LED starts to flash.
2. Hold the user card to be assigned centrally in front of the knob. A beep confirms the successful process.
3. If required, hold further user cards in front of the knob while flashing.
4. Wait until the LED stops flashing.

Note: Max. **10** *user cards can be assigned.*

2 Delete cards

This process deletes all cards from the lock. Cards cannot be deleted individually. The set mode remains active.

a) Via reset card

1. Hold the master card **1x** centrally in front of the knob. An ascending beep sounds and the green LED lights up. The lock is now open.
2. Hold the reset card **1x** centrally in front of the knob.
3. Two beeps and the green LED flashing twice confirm the successful process.
4. Wait until the LED stops flashing.

b) Via master card

1. Hold the master card **6x** centrally in front of the knob. The first time the card is held in front of the lock, an ascending beep sounds and the green LED lights up. The lock is now unlocked. When the card is held in front of the knob again, a short beep sounds and the green LED starts to flash.
2. A beep and the green LED confirm the successful process.

3 Change mode (via mode card)

During this process, all manager cards and user cards are deleted from the lock.

1. Hold the master card **1x** centrally in front of the knob. An ascending beep sounds and the green LED lights up. The lock is now open.
2. Hold the mode card **1x** centrally in front of the knob.
3. A beep and the red LED flashing once (private mode) or three beeps and the green LED flashing three times (multi-user mode) confirm the successful process.

4 Set the occupancy identification

a) Delete occupancy identification from user cards

The **Release Box** is required for this process. The user card can be used again after deletion.

1. Hold the user card centrally on the release box.
2. A beep and the green and then the blue LED[1] confirm the successful process.

b) Change sector for the occupancy identification

The **sector card set** is required for this process. By default, the occupancy identification is written to sector **15**.

1. Hold the required sector card (sector card **1** to **15**) centrally in front of the knob.
2. A beep sounds per sector. A long beep confirms the successful process.

c) Deactivate occupancy identification

The **sector card set** is required for this process.

1. Hold the sector card **0** centrally in front of the knob. A long beep confirms the successful process.

Operation

Unauthorized cards are rejected by the lock with four short-beeps and the red LED flashing 8 times.

1 Multi-user mode

a) Lock

1. Close the door. Turn the knob back to the starting position (logo on top).
2. Hold the user card centrally in front of the knob. Two ascending beeps and the red LED confirm the successful process.

b) Unlock

1. Hold the user card centrally in front of the knob. Two ascending beeps and the green LED confirm the successful process.
2. Turn the knob to the open position and pull the door open.

2 Private mode

a) Unlock

1. Hold the user card centrally in front of the knob. Two ascending beeps and the green LED confirm the successful process.
2. Turn the knob to the open position and pull the door open.

b) Lock

The lock locks automatically within a few seconds. The red LED flashes briefly. To close, press the door shut and turn the knob back to the starting position (logo on top) until it clicks into place.

3 Unlock via master card / manager card

During this process, the user card used for locking is deleted from the lock in multi-user mode. If the occupancy identification is activated, it can no longer be used until the occupancy identification is canceled. In private mode, the assigned user cards are retained.

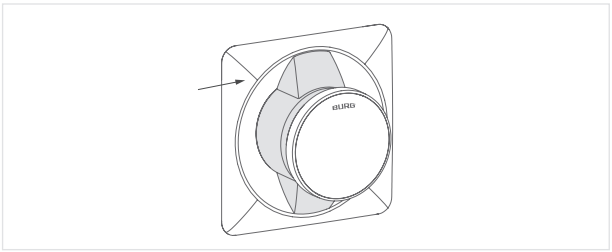
1. Hold the master card or manager card centrally in front of the knob. An ascending beep and the green LED confirm the successful process.
2. Turn the knob to the open position and pull the door open.

[1] LED signal may differ for older release boxes.

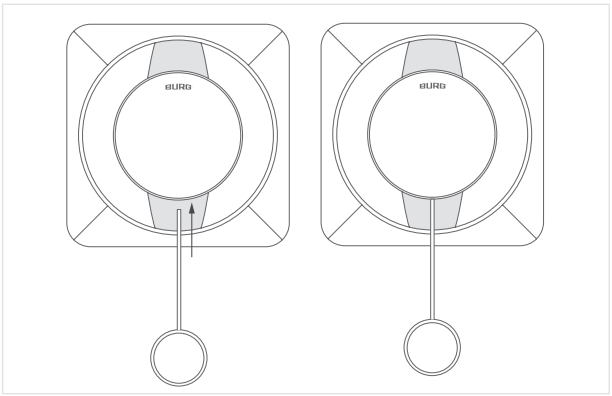
Battery Change

The **opening pin** is required to change the battery. To open the battery compartment, only the housing (shown as a gray area in the sketches) needs to be turned.

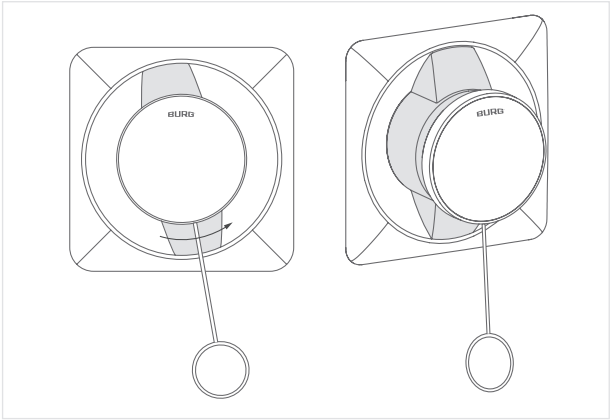
1 When disassembled, the lock must be held by the square housing (handle). When fitted, the lock does not need to be held in place.



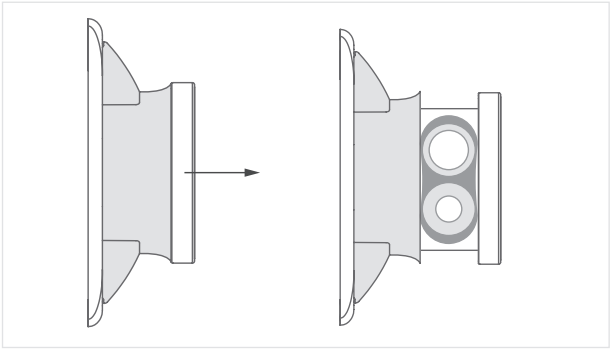
2 Carefully insert the opening pin into the closure hole underneath the operating panel until resistance is reached and press lightly.



3 Hold the opening pin in position and turn the pin with the housing (shown as a gray area in the sketch) counterclockwise by approx. 10°. The operating panel is not rotated during this process.



4 Remove the opening pin and pull the operating panel forwards.



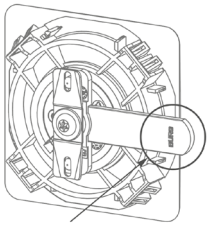
5 Remove the battery compartment cover. Replace the batteries according to the (+/-) symbols and reinsert the battery compartment cover.

6 Push back the operating panel. Carefully turn the housing (shown as a gray area in the sketches) clockwise until it clicks into place.

Assembly Note

Please observe the following instructions before starting the assembly.

1 The cam is only attached after the handle has been fitted. When the cam is attached, the embossed logo faces away from the lock and is therefore visible from behind:



2 If the electronic lock is installed in the European Economic Community (EU and EFTA), the enclosed type plate must be clearly visible, legible and permanently affixed to the cam (on the back of the door). Otherwise the product does not comply with the safety standard of the RED (Radio Equipment Directive).

Conformity / Certification

CE Declaration of Conformity

Hereby, **BURG Lüling GmbH & Co. KG** declares that the radio equipment, type **Flexo Q.RFID**, is in conformity with Directives 2014/53/EU and 2011/65/EU. The full text of the EU Declaration of Conformity can be found at the following link:

https://www.burg.de/files/downloads/Declaration-of-Conformity/BURG_DoC_FlexoQRFID_EN.pdf

Guarantee and Warranty

The warranty is subject to the statutory provisions. If you have any questions, please contact a specialist dealer or use the contact details below. Spare parts can be found at specialist dealers or at: **www.burg.shop**

Cleaning and Care Instructions

Remove the batteries before cleaning the appliance. Carefully clean the surfaces of the appliance with a damp, clean cloth. Chemical cleaning agents must not be used. Do not allow dust or liquids to enter the device.

Disposal and Battery Note

EU Directive 2012/19/EU regulates the proper take-back, treatment and recycling of used electronic devices.

Every consumer is legally obliged to dispose of batteries, rechargeable batteries or electrical and electronic devices ("old devices") that are powered by batteries or rechargeable batteries separately from household waste, as they contain harmful substances and valuable resources. They can be disposed of at an approved collection or take-back point, e.g. a local recycling center. Old appliances, batteries and rechargeable batteries are accepted there free of charge and recycled in an environmentally friendly and resource-saving manner. Old electrical appliances, used batteries or rechargeable batteries can also be returned to us. The return shipment must be sent with sufficient postage to the address below. The following symbol on waste electrical equipment, batteries or rechargeable batteries indicates that they must not be disposed of with household waste:

Important notes on the use of batteries:

- The use of high-quality brand batteries is essential for the correct functioning of the locking system. BURG locking systems are approved ex works for the specified industrial batteries of the VARTA brand. The use of batteries of other brands can lead to a reduced number of possible locking cycles as well as to limited functionality and functional problems, as experience has shown that batteries of other brands even with the same specifications have different performance characteristics. BURG does **not guarantee** the functionality of the locking system when using batteries of a brand other than those specified above.
- If both batteries are removed at the same time when changing the batteries or over a longer period of time, settings relating to the integrated real-time clock (RTC) will be lost.
- The battery may explode or release flammable gases if it is handled incorrectly, destroyed or the wrong type of battery is used. Do not recharge the battery, disassemble it, expose it to extremely high temperatures or throw it into a fire. Batteries containing harmful substances are labeled with abbreviations for the substances cadmium *(Cd)*, mercury *(Hg)* and lead *(Pb)*. If the lock is not used for a longer period of time, the batteries must be removed.

Contact

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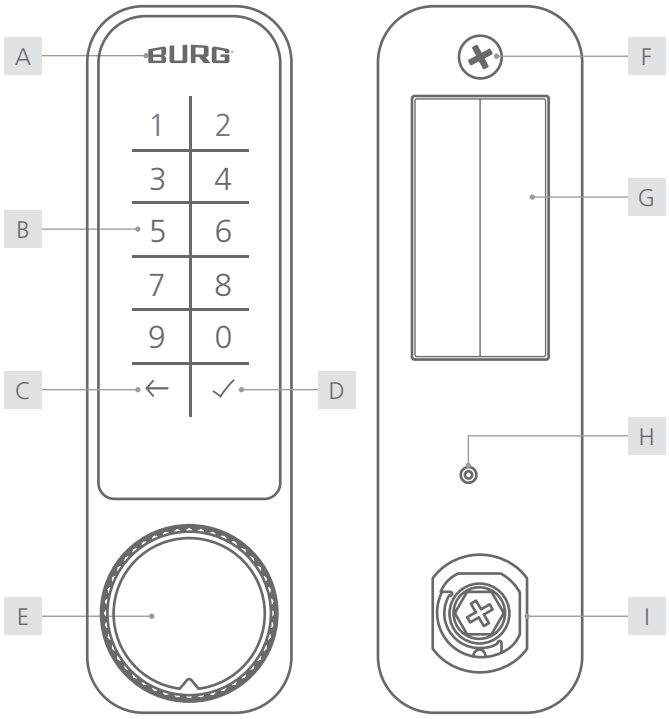


A	LED	B	touchpad key
C	cancel key	D	confirmation key
E	knob	F	fixing screw
G	battery compartment	H	reset hole
I	stator		

Content

General

The latest version of this guide is available at:
www.burg.de

Important notes:

- Please observe all important notes and read the entire operating manual before starting the configuration.
- Before putting the locking system into operation, refer to “Commissioning” on page **5**.
- The control panel is supplied with a protective film. The protective film can be removed during commissioning.

Factsheet

Front view

Back view

Technical Data

Dimension	132 x 38 x 31.5 mm
Battery[1]	VARTA[1] AAA (2x)
Locking cycles	approx. 30,000
Stand-by time	approx. 2 years
Material	housing: zamak stator: steel
Humidity (rel.)	0% - 95%
Temperature range	working temperature: -10°C to 50°C storage temperature: -15°C to 60°C
Degree of soiling	2
IP class	IP65
Application area	indoor / Outdoor
Mounting dimension	stator: 16 mm x 19 mm screw: Ø 5 mm
Max. door thickness	22 mm
Lock attachment	M19 nut (1x) wood or steel screw M4 (1x)
Cam type	B
Locking direction	left (90°), door hinge: DIN right right (90°), door hinge: DIN left
Mode	multi-user mode (default), private mode
No. of possible codes	999,999
Code length	4- or 6-digit
No. of master codes	max. 1
No. of codes	max. 50 (private mode)

Default Settings

Mode	multi-user mode
Master code	934716
Code length	4-digit
LED locking indication	on (multi-user mode)
Confirmation code	off

Scope of Delivery

- 1x locking system
- 1x rubber seal
- 1x M19 nut
- 1x steel screw M4 x 10 mm[2]
- 1x wood screw M4 x 28 mm[2] (for door thicknesses from 18 mm - 22 mm)
- 1x cam fixing screw (M5 x 5,8 mm)
- 1x locking direction disk

Optional Accessories

- battery (VARTA[1] AAA)
- reset pin
- master key
- magnet for emergency opening
- cam type B (order-related)

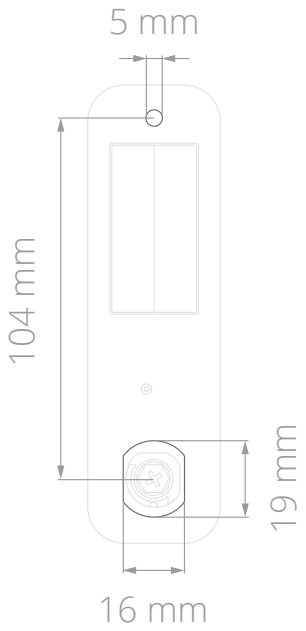
Features

- housing made of sturdy zamak with black powder coating
- integrated real-time clock (RTC) for individually definable time settings
- easy to retrofit, e.g. to replace mechanical locks
- IP65 protection (protection against dust and water jets)
- battery warning (visual and audible)
- option for mechanical emergency opening via master key

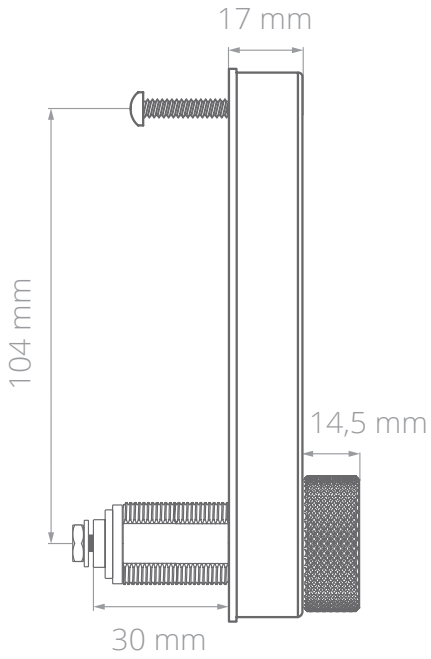
[1] The lock is approved for VARTA brand batteries. The use of other batteries may lead to malfunctions (s. point „battery note“).

[2] The use of a screw with a different length may cause damage to the lock.

Mounting Dimensions[3]

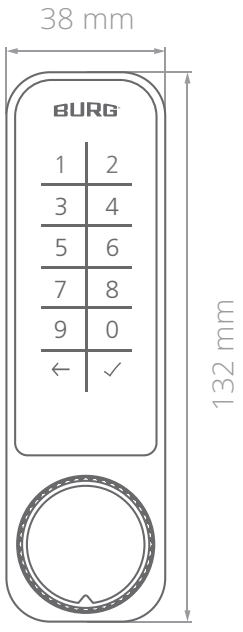


Side view

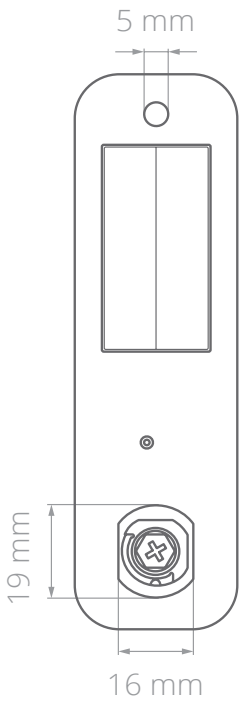


Product Dimensions

Front view



Back view



Functional Description

Mode: multi-user authorization (multi-user mode)
This mode is suitable for changing user groups where the locker is only used temporarily or once, e.g. in a sports facility. Codes are valid for a single locking process and are deleted from the lock when the compartment is reopened. The lock remains open until a new code locks the lock again.

Mode: fixed assigned authorization (private mode)
In this mode, a code is preset with which the lock can be operated. This mode is suitable for user groups where the usage rights should not change permanently, e.g. for an office cabinet. The lock can only be operated with a stored code. Codes that are not stored are rejected by the lock.

Confirmation code (for multi-user mode)
To lock the lock, the code must be entered twice. The lock locks after the second entry. The second entry is made after the green LED flashes briefly. A simple code entry is sufficient to open the lock. This function can be turned on or off.

Block mode
If the code is entered incorrectly three times in succession, the lock locks for 45 seconds. The red LED flashes at short intervals. The lock cannot be operated during this period.

LED locking indication (for multi-user mode)
If the lock is locked, the red LED flashes at short intervals.

Automatic locking (for private mode)
After unlocking, the lock locks automatically after a few seconds.

[1] Mounting dimensions and templates (STEP files) for milling, punching or lasering can be requested from BURG.

Battery warning
If the battery voltage falls below a certain level (*phase 1*), five descending beeps sound when a transponder medium is presented and the red LED lights up. The lock can still be operated. If the voltage falls into the critical range (*phase 2*), the lock can no longer be operated.

Real-Time-Clock = RTC (for multi-user mode)
The lock has an integrated real-time clock, with which a fixed defined closure duration can be set.

Closure duration (RTC function, for multi-user mode)
The locking duration defines the maximum period for which a lock may be closed from the time it is locked. The lock opens automatically once the locking period has expired. The closure duration can be set in one-hour increments (between 1 and 24 hours).

LED & Sound Signals

Green and red LED (1x flashing) / signal tone (2x short)
Batteries inserted successfully. The lock is ready for operation.

Green LED (2x flashing) / signal tone (1x short)
Acceptance of authorized codes / successful opening process or successful configuration process.

Red LED (flashing)
The lock is locked or in block mode.

Red LED (flashes briefly) when code is entered
Battery power decreases.

Red LED (8x flashing)
Rejecting unauthorized codes or incorrect entry during the configuration process.

Green LED (1x flashing) / signal tone (1x short)
Successful canceling of an operating or configuration process.

Commissioning

The control panel is supplied with a protective film. The protective film can be removed during commissioning. !

1 First steps

1. Remove the lock from the packaging, remove the protective film from the control panel and open the battery compartment (for help, see page **9** "Battery change").
2. Insert the batteries according to the (+ / -) symbols. Wait for the beep, the green and then the red LED. Close the battery compartment.
3. Set private master code (chapter: Configuration, point **1**: „Master code setting").

Configuration

- Each configuration step is started by entering the master code, pressing the hook button twice and entering the corresponding digit. !
- Entering the **master code** always begins by pressing the hook button twice and the **digit 1**. The entry is always ended by pressing the hook button once.
- Each configuration step is completed with the green LED flashing twice. Only then the next configuration step can be started.
- The red LED flashes 8 times to indicate that the configuration step has not been carried out correctly or the code / master code has not been entered correctly.
- Processes can be canceled using the "←" arrow button. The successful cancelation is confirmed by the beep and the green LED. The lock can then be operated as normal.

1 Master code setting

Up to **1** master code can be stored. The master code must be 6 digits long. !

1. Enter old master code:

   ✓✓ **1** Mastercode ✓

   Wait for the green LED flashing twice.

2. Set new master code:

   ✓✓ **7** xxx xxx ✓

   The green LED flashing twice confirms the successful process.

2 Mode change

When the mode is changed, all functions are reset to the default settings. The master code is retained. !

a) Multi-user mode

1. Enter master code:

   ✓✓ **1** Mastercode ✓

   Wait for the green LED flashing twice.

2. Set the mode:

   ✓✓ **5 1** ✓

   The green LED flashing twice confirms the successful process.

b) Private mode

When changing the mode to private mode, a private code must be set before use (chapter: Configuration, point **3b** "Set the code"). If no code is set, the lock cannot be locked.

1. Enter master code:

   ✓✓ **1** Mastercode ✓

   Wait for the green LED flashing twice.

2. Set the mode:

   ✓✓ **5 0** ✓

   The green LED flashing twice confirms the successful process.

3. Set the code.

3 Code configuration

a) Set the code length

When the code length is changed, all codes stored in private mode are deleted (master code excluded).

1. Enter master code:

   ✓✓ **1** Mastercode ✓

   Wait for the green LED flashing twice.

2. Set the code length (4-digit to default setting):

   ✓✓ **0 4** ✓ (4-digit)

   ✓✓ **0 6** ✓ (6-digit)

   The green LED flashing twice confirms the successful process.

b) Set the code (private mode)

Up to 50 codes can be stored. The code length is 4 or 6 digit depending on the setting.

1. Enter master code:

   ✓✓ **1** Mastercode ✓

   Wait for the green LED flashing twice.

2. Set the code:

   ✓✓ **3** xxxx (xx) ✓

   The green LED flashing twice confirms the successful process.

c) Delete the code (private mode)

1. Enter master code:

   ✓✓ **1** Mastercode ✓

   Wait for the green LED flashing twice.

2. Delete the code:

   ✓✓ **9** xxxx (xx) ✓

   The green LED flashing twice confirms the successful process.

4 Function setting

a) Confirmation code (multi-user mode)

1. Enter master code:

   ✓✓ **1** Mastercode ✓

   Wait for the green LED flashing twice.

2. Activate / deactivate mode:

   ✓✓ **2 1** ✓ (activate)

   ✓✓ **2 0** ✓ (deactivate)

   The green LED flashing twice confirms the successful process.

b) LED locking indication (multi-user mode)

1. Enter master code:

   ✓✓ **1** Mastercode ✓

   Wait for the green LED flashing twice.

2. Activate / deactivate mode:

   ✓✓ **8 1** ✓ (activate)

   ✓✓ **8 0** ✓ (deactivate)

   The green LED flashing twice confirms the successful process.

c) Closure duration (multi-user mode)

The closure duration can be defined in one-hour increments for a maximum of 24 hours.

1. Enter master code:

   ✓✓ **1** Mastercode ✓

   Wait for the green LED flashing twice.

2. Set the closure duration (x x = 01 to 24):

✓✓ **4** x x ✓ (activate)

✓✓ **4 0** ✓ (deactivate)

The green LED flashing twice confirms the successful process.

5 Reset to default settings

The **reset pin** is required for this process. The lock must be dismantled for this process (for help, see p. **8** "Assembly"). During this process all settings are reset to the default settings. All stored cards and transponder media are deleted.

1. Dismantle the lock.
2. Press the reset pin into the reset hole on the back of the lock for a few seconds.
3. Four beeps and the green LED flashing four times confirm the successful process.

Operation

Processes can be canceled using the "←" arrow button. The successful cancelation is confirmed by the beep and the green LED. The lock can then be operated as normal.

1 Multi-user mode

a) Lock

If the confirmation code is activated, the code used for locking must be entered **twice** in succession.

1. Enter code:

xxxx (xx)

The red LED confirms the successful process.

b) Unlock

1. Enter code:

xxxx (xx)

The green LED flashing twice confirms the successful process.

2 Private mode

a) Unlock

1. Enter code:

xxxx (xx)

The green LED flashing twice confirms the successful process.

b) Lock

The lock locks automatically within a few seconds. To close, press the door shut and turn the knob back to the starting position until it clicks into place.

3 Unlock via master code

In multi-user mode, the code used for locking is deleted after the master code is entered.In private mode, the stored codes are retained.

1. Enter master code:

✓✓ **1** Mastercode ✓

The green LED flashing twice confirms the successful process.

4 Unlock via master key

The **master key** and a magnet are required for this process

1. Use the magnet to remove the knob cover.
2. Insert master key and open lock.
3. Turn the master key back, remove it and replace the knob cover.

Master Code Entry

- Entering the **master code** always begins by pressing the hook button twice and the **digit 1**. The entry is always ended by pressing the hook button once.
- In multi-user mode, the code used for locking is deleted after the master code is entered.

1. Enter master code:

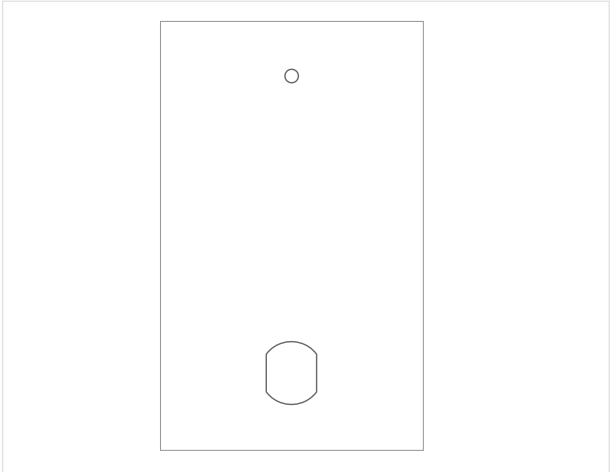
✓✓ **1** Mastercode ✓

The green LED flashing twice confirms the successful process.

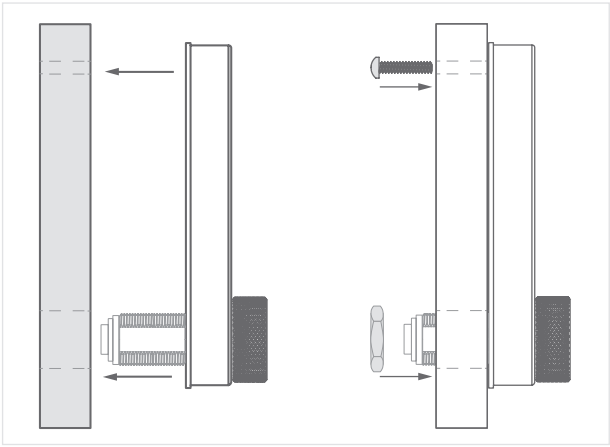
Assembly

Mounting dimensions and templates (STEP files) for milling, punching or lasering can be requested from BURG.

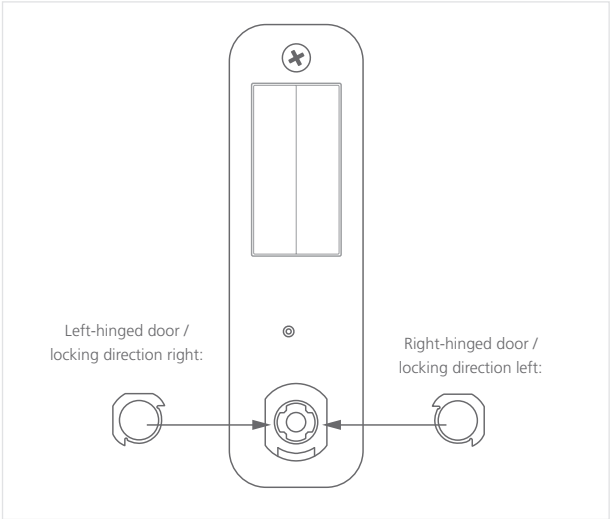
1 Prepare the mounting hole according to the mounting dimensions (measurements on p. **4**).



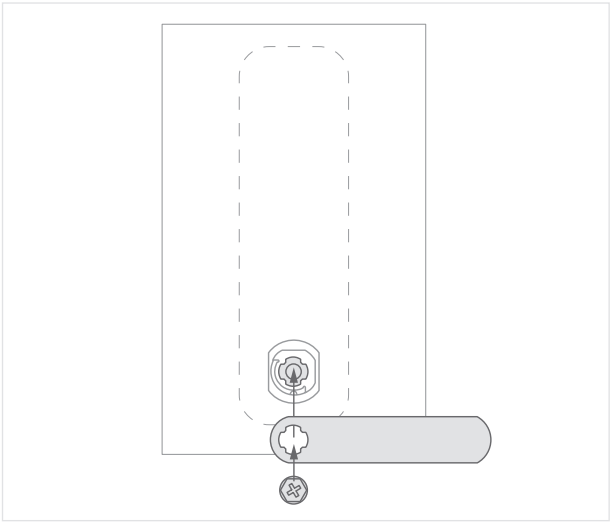
2 Insert the lock into the mounting hole from the front (outside of the door) and hold it in this position. Make sure that the BURG logo is at the top of the lock. Place the M19 nut on the stator from behind and tighten hand-tight using a socket wrench (SW22). Insert the fastening screw above the lock through the hole provided and screw it to the lock using a Phillips screwdriver (e.g. size PH 2).



3 Set the locking direction if required. On delivery, the locking direction is set to "left" (door hinge: DIN right). The locking direction can be adjusted in 90° steps. To do this, remove the locking direction disk from the stator, turn it 90° to the right and replace it.



4 Fit the cam and tighten it hand-tight using the enclosed cam fixing screw and a Phillips screwdriver (e.g. size PH 2).



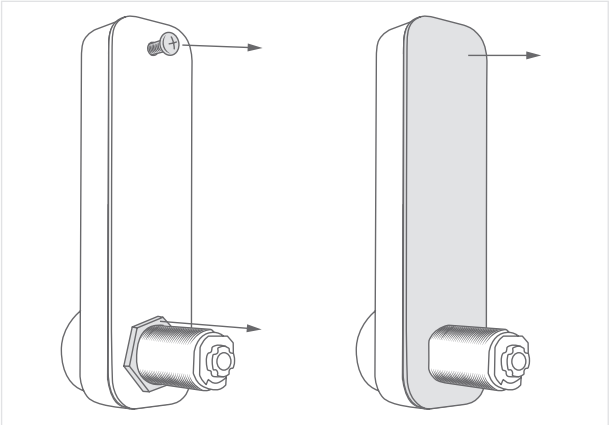
5 Then check whether the cam has sufficient hold on the striking plate or the rebate when closed. It should be possible to turn the cam to its end position without pressure or resistance when locking the locking system.

Note: The locking can be optimally adjusted using an adjustable striking plate. For more information, please get in touch with your contact at BURG.

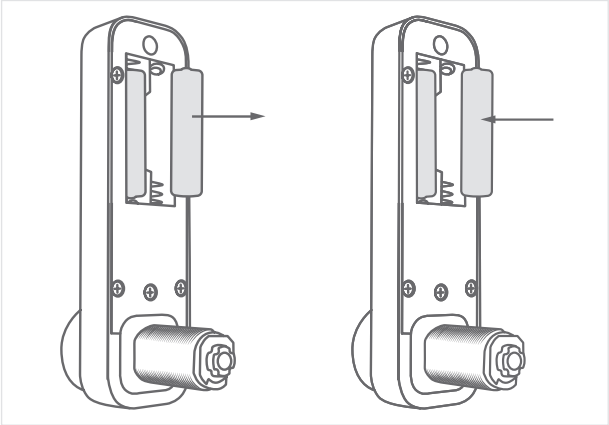
Battery Change

The locking system must be dismantled to change the battery.

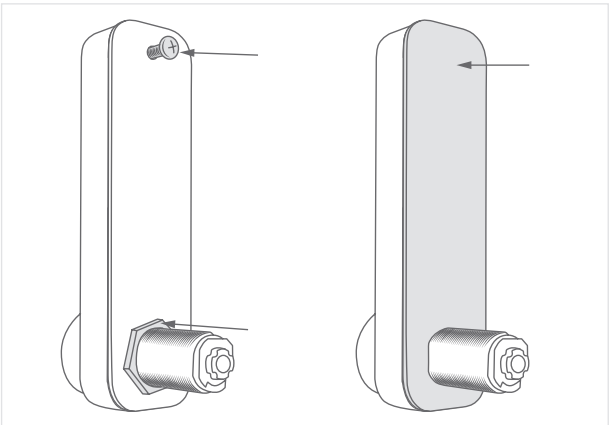
1 Dismantle the locking system (see page **8** "Assembly"). Remove the screw, nut and rubber seal.



2 Replace the batteries according to the (+/-) symbols.



3 Replace the rubber seal. Refit the locking system with the nut and screw (see page **8** "Assembly").



Conformity / Certification

CE Declaration of Conformity

Hereby, **BURG Lüling GmbH & Co. KG** declares that the radio equipment, type **Niro.Code**, is in conformity with directives 2014/30/EU, 2014/35/EU and 2011/65/EU. The full text of the EU Declaration of Conformity can be found at the following link:

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Guarantee and Warranty

The warranty is subject to the statutory provisions. If you have any questions, please contact a specialist dealer or use the contact details below. Spare parts can be found at specialist dealers or at: **www.burg.shop**

Cleaning and Care Instructions

Remove the batteries before cleaning the appliance. Carefully clean the surfaces of the appliance with a damp, clean cloth. Chemical cleaning agents must not be used. Do not allow dust or liquids to enter the device.

Disposal and Battery Note

EU Directive 2012/19/EU regulates the proper take-back, treatment and recycling of used electronic devices.

Every consumer is legally obliged to dispose of batteries, rechargeable batteries or electrical and electronic devices ("old devices") that are powered by batteries or rechargeable batteries separately from household waste, as they contain harmful substances and valuable resources. They can be disposed of at an approved collection or take-back point, e.g. a local recycling center. Old appliances, batteries and rechargeable batteries are accepted there free of charge and recycled in an environmentally friendly and resource-saving manner. Old electrical appliances, used batteries or rechargeable batteries can also be returned to us. The return shipment must be sent with sufficient postage to the address below. The following symbol on waste electrical equipment, batteries or rechargeable batteries indicates that they must not be disposed of with household waste:

Important notes on the use of batteries:

- The use of high-quality brand batteries is essential for the correct functioning of the locking system. BURG locking systems are approved ex works for the specified industrial batteries of the VARTA brand. The use of batteries of other brands can lead to a reduced number of possible locking cycles as well as to limited functionality and functional problems, as experience has shown that batteries of other brands even with the same specifications have different performance characteristics. BURG does **not guarantee** the functionality of the locking system when using batteries of a brand other than those specified above.
- If both batteries are removed at the same time when changing the batteries or over a longer period of time, settings relating to the integrated real-time clock (RTC) will be lost.
- The battery may explode or release flammable gases if it is handled incorrectly, destroyed or the wrong type of battery is used. Do not recharge the battery, disassemble it, expose it to extremely high temperatures or throw it into a fire. Batteries containing harmful substances are labeled with abbreviations for the substances cadmium *(Cd)*, mercury *(Hg)* and lead *(Pb)*. If the lock is not used for a longer period of time, the batteries must be removed.

Contact

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+49 (0) 23 35 63 08-0

info@burg.de
www.burg.de

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Workplace up to date – mehr Raum zum Arbeiten

Niro.RFID

Operating Manual

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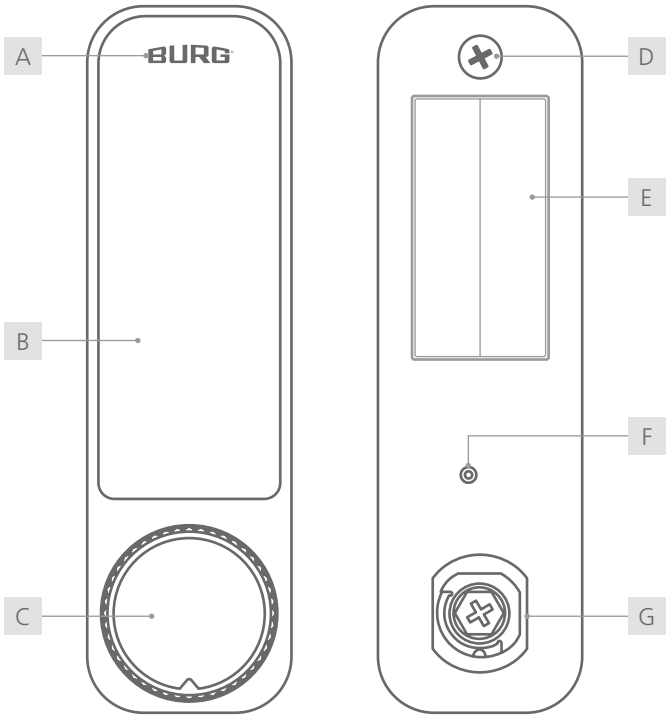
Niro.RFID



A	LED	B	RFID antenna
C	knob	D	fixing screw
E	battery compartment	F	reset hole
G	stator		

Content

General

The latest version of this guide is available at:
www.burg.de

Important notes:

- Please observe all important notes and read the entire operating manual before starting the configuration.
- Before putting the locking system into operation, refer to "Commissioning" on page **5**.
- Master cards must be kept in a safe place. If lost, no further configurations can be made.
- The control panel is supplied with a protective film. The protective film can be removed during commissioning.

Factsheet

Front view

Back view

Technical Data

Dimension	132 x 38 x 31.5 mm
Battery[1]	VARTA[1] AAA (2x)
Locking cycles	approx. 50,000
Stand-by time	approx. 2 years
Material	housing: zamak stator: steel
Humidity (rel.)	0% - 95%
Temperature range	working temperature: -10°C to 50°C storage temperature: -15°C to 60°C
Degree of soiling	2
IP class	IP65
Application area	indoor / outdoor
Mounting dimension	stator: 16 mm x 19 mm screw: Ø 5 mm
Max. door thickness	22 mm
Lock attachment	M19 nut (1x) wood or steel screw M4 (1x)
Cam type	B
Locking direction	left (90°), door hinge: DIN right right (90°), door hinge: DIN left
Mode	multi-user mode (default), private mode
RFID types	MIFARE® Classic (read / write), MIFARE® DESFire® EV (read)
No. of master cards	max. 3
No. of manager cards	max. 2
No. of user cards	max. 10

[1] The lock is approved for VARTA brand batteries. The use of other batteries may lead to malfunctions (s. point „battery note“).

Default Settings

Mode	multi-user mode
Occupancy identification	on

Scope of Delivery

- 1x locking system
- 1x rubber seal
- 1x M19 nut
- 1x steel screw M4 x 10 mm[2]
- 1x wood screw M4 x 28 mm[2] (for door thicknesses from 18 mm - 22 mm)
- 1x cam fixing screw (M5 x 5,8 mm)
- 1x locking direction disk

Optional Accessories

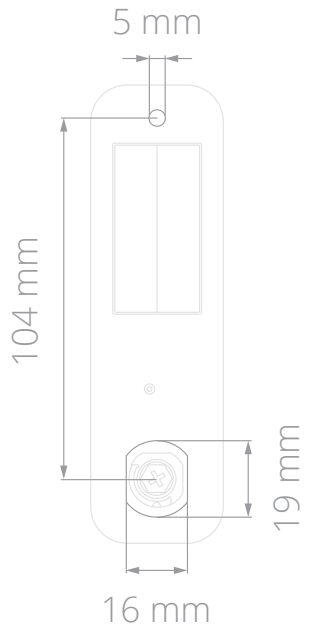
- battery (VARTA[1] AAA)
- master card / manager card (assigned)
- user card
- reset pin
- sector card set (sector 0 to sector 15)
- master key
- magnet for emergency opening
- cam type B (order-related)

Features

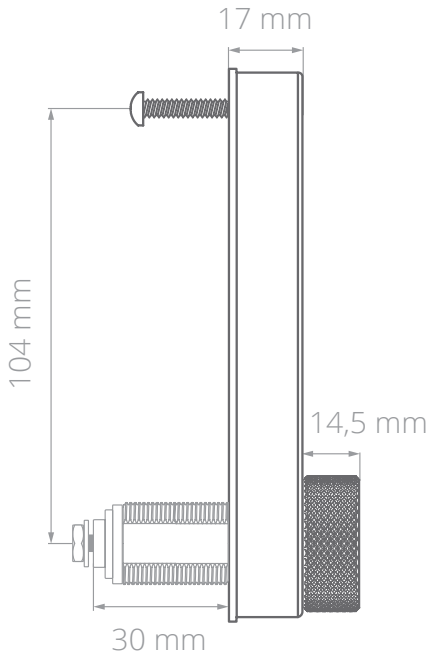
- housing made of sturdy zamak with black powder coating
- RFID types: MIFARE® Classic / MIFARE® DESFire® EV
- integrated occupancy identification with MIFARE® Classic
- easy to retrofit, e.g. to replace mechanical locks
- IP65 protection (protection against dust and water jets)
- battery warning (visual and audible)
- option for mechanical emergency opening via master key

[2] The use of a screw with a different length may cause damage to the lock.

Mounting Dimensions[1]

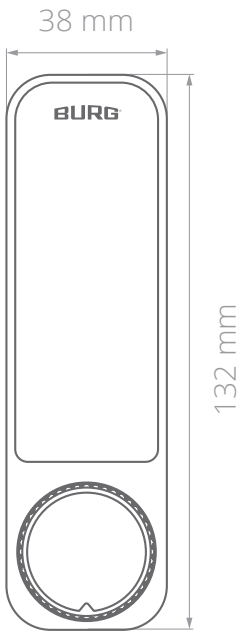


Side view

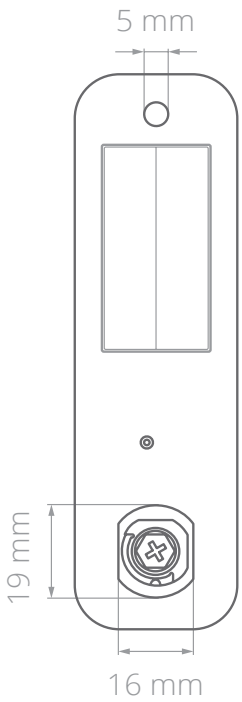


Product Dimensions

Front view



Back view



Functional Description

Mode: multi-user authorization (multi-user mode)
This mode is suitable for changing user groups where the locker is only used temporarily or once, e.g. in a sports facility. Transponder media are valid for a single locking process and are deleted from the lock when the compartment is reopened. The lock remains open until a new transponder medium locks the lock again.

Mode: fixed assigned authorization (private mode)
In this mode, a transponder medium is preset with which the lock can be operated. This mode is suitable for user groups where the usage rights should not change permanently, e.g. for an office cabinet. The lock can only be operated with a stored transponder medium. Transponder media that are not stored are rejected by the lock.

Master card
The master card can open the lock regardless of the set mode (emergency opening). In multi-user mode, the transponder medium used for locking is deleted from the lock. The master card also authorizes the programming of master, manager and user cards (in private mode).

Manager card
The manager card can unlock the lock regardless of the set mode (emergency opening).

LED locking indication (for multi-user mode)
If the lock is locked, the red LED flashes at short intervals.

[1] Mounting dimensions and templates (STEP files) for milling, punching or lasering can be requested from BURG.

Automatic locking (for private mode)
After unlocking, the lock locks automatically after a few seconds.

Occupancy identification (for multi-user mode)
During the locking process, the transponder medium used for locking is assigned an occupancy identification. The occupancy identification prevents the transponder medium from locking another lock. The occupancy identification is canceled again during the opening process.

Note: This function is only possible with MIFARE® Classic transponder media. The occupancy identification can also be deleted from the transponder medium using the master card or the release box (e.g. after opening with a master card or manager card).

Battery warning
If the battery voltage falls below a certain level (*phase 1*), five descending beeps sound when a transponder medium is presented and the red LED lights up. The lock can still be operated. If the voltage falls into the critical range (*phase 2*), the lock can no longer be operated.

LED & Sound Signals

Green and red LED (1x flashing) / signal tone (2x short)
Batteries inserted successfully. The lock is ready for operation.

Green LED (flashes briefly) / signal tone (1x short)
Acceptance of authorized transponder media.

Red LED (2x flashing) / signal tone (2x short)
Rejecting unauthorized transponder media.

Green LED (2x flashing) / signal tone (2x long)
Successful deletion process.

Green LED (flashing) / signal tone (1x short)
Successful configuration process.

Green LED (4x flashing) / signal tone (4x short)
Successful reset process.

Red LED (2x flashing) / signal tone (2x short)
Canceling the configuration process.

Red LED (flashes briefly) / signal tone (5x short) during the opening process
Battery power decreases.

Green LED (flashing)
The lock is in configuration mode.

Red LED (flashing)
The lock is locked.

Guarantee of Transponder Compatibility

When using RFID transponder media that have not been approved by BURG, no guarantee of compatibility is given.

Commissioning

- The first card that is held in front of the lock during commissioning or after deleting the cards / resetting is stored as the **master card**.
- We recommend to assign all 3 master cards during commissioning and keeping the master cards in a safe place.
- The control panel is supplied with a protective film.The protective film can be removed during commissioning.

1 First steps

1. Remove the lock from the packaging, remove the protective film from the control panel and open the battery compartment (for help, see page **10** "Battery change").
2. Insert the batteries according to the (+ / -) symbols. Wait for the beep, the green and then the red LED. Close the battery compartment.
3. Hold the **master card** to be assigned centrally in front of the lock. A beep and the green LED confirm the successful process.

Note: To assign further master cards, follow point **1a** *- "Further master cards" in the chapter "Configuration".*

Configuration

Unauthorized cards are rejected by the lock with two beeps and the red LED flashing twice.

1 Assign cards

a) Further master cards

1. Hold the master card **2x** centrally in front of the lock. The first time the card is held in front of the lock, a beep sounds and the green LED lights up. The lock is now unlocked. When the card is held in front of the lock again, a short beep sounds and the green LED starts to flash.
2. Hold the master card to be assigned centrally in front of the lock. A long beep confirms the successful process.
3. If required, hold further master cards in front of the lock while flashing.

4. Wait until the LED stops flashing.

Note: Max. **3** *master cards can be assigned.*

b) Manager card

1. Hold the master card **4x** centrally in front of the lock. The first time the card is held in front of the lock, a beep sounds and the green LED lights up. The lock is now unlocked. When the card is held in front of the lock again, a short beep sounds and the green LED starts to flash.
2. Hold the manager card to be assigned centrally in front of the lock. A long beep confirms the successful process.
3. If required, hold further manager cards in front of the lock while flashing.
4. Wait until the LED stops flashing.

Note: Max. **2** *manager cards can be assigned.*

c) User card (private mode)

1. Hold the master card **3x** centrally in front of the lock. The first time the card is held in front of the lock, a beep sounds and the green LED lights up. The lock is now unlocked. When the card is held in front of the lock again, a short beep sounds and the green LED starts to flash.
2. Hold the user card to be assigned centrally in front of the lock. A long beep confirms the successful process.
3. If required, hold further user cards in front of the lock while flashing.
4. Wait until the LED stops flashing.

Note: Max. **10** *user cards can be assigned.*

2 Delete cards

a) Master card

During this process, all master cards, except the master card used for deletion, are deleted from the lock. This means that one master card always remains programmed.

1. Hold the master card **approx. 8 seconds** centrally in front of the lock. A beep sounds and the green LED lights up. The lock is now unlocked. After 8 seconds, another beep sounds and the green LED starts to flash.
2. Hold the master card that is not to be deleted centrally in front of the lock.
3. Two beeps and the green LED flashing twice confirm the successful process.

b) Manager card

During this process, all manager cards are deleted from the lock.

1. Hold the master card **approx. 8 seconds** centrally in front of the lock. A beep sounds and the green LED lights up. The lock is now unlocked. After 8 seconds, another beep sounds and the green LED starts to flash.
2. Hold any assigned manager card centrally in front of the lock.
3. Two beeps and the green LED flashing twice confirm the successful process.

c) User card (private mode)

During this process, all user cards are deleted from the lock.

1. Hold the master card **approx. 8 seconds** centrally in front of the lock. A beep sounds and the green LED lights up. The lock is now unlocked. After 8 seconds, another beep sounds and the green LED starts to flash.
2. Hold any assigned user card centrally in front of the lock.
3. Two beeps and the green LED flashing twice confirm the successful process.

3 Change mode

The **reset pin** is required for this process. The lock must be dismantled for this process (for help, see p. **9** "Assembly").

1. Dismantle the lock.
2. Press the reset pin into the reset hole on the back of the lock **3x** in succession.
3. A long beep and the red LED flashing three times for private mode (the lock is locking) or a long beep and the green LED flashing twice for multi-user mode (the lock is unlocking) confirm the successful operation.

4 Delete occupancy identification from user card

a) Via Release Box

The **Release Box** is required for this process. The user card can be used again after deletion.

1. Hold the user card centrally on the release box.
2. A beep and the green and then the blue LED[1] confirm the successful process.

b) Via master card (multi-user mode)

1. Hold the master card **3x** centrally in front of the lock. The first time the card is held in front of the lock, a beep sounds and the green LED lights up. The lock is now unlocked. When the card is held in front of the lock again, a short beep sounds and the green LED starts to flash.
2. Hold the occupied user card centrally in front of the lock. A long beep and the red LED confirm the successful process. The lock is locked.
3. Hold the user card centrally in front of the lock. The lock unlocks. A beep and the green LED confirm the successful process.

5 Set the occupancy identification

a) Change sector for the occupancy identification

The **sector card set** is required for this process. By default, the occupancy identification is written to sector **15**.

1. Hold the required sector card (sector card **1** to **15**) centrally in front of the lock.
2. Two long beeps and the green LED confirm the successful process.

b) Deactivate occupancy identification

The **sector card set** is required for this process.

1. Hold the sector card **0** centrally in front of the lock.
2. Two long beeps and the green LED confirm the successful process.

6 Reset to default settings

The **reset pin** is required for this process. The lock must be dismantled for this process (for help, see p. **9** "Assembly"). During this process all settings are reset to the default setting. All stored cards and transponder media are deleted.

1. Dismantle the lock.
2. Press the reset pin into the reset hole on the back of the lock for a few seconds.
3. Four beeps and the green LED flashing four times confirm the successful process.

[1] LED signal may differ for older release boxes.

Operation

Unauthorized cards are rejected by the lock with four short-beeps and the red LED flashing 8 times.

1 Multi-user mode

a) Lock

1. Close the door. Turn the knob back to the starting position.
2. Hold the user card centrally in front of the knob. A beep and the red LED confirm the successful process.

b) Unlock

1. Hold the user card centrally in front of the knob. A beep and the green LED confirm the successful process.
2. Turn the knob to the open position and pull the door open.

2 Private mode

a) Unlock

1. Hold the user card centrally in front of the lock. A beep and the green LED confirm the successful process.
2. Turn the knob to the open position and pull the door open.

b) Lock

The lock locks automatically within a few seconds. The red LED flashes briefly and a beep sounds. To close, press the door shut and turn the knob back to the starting position until it clicks into place.

3 Unlock via master card / manager card

During this process, the user card used for locking is deleted from the lock in multi-user mode. If the occupancy identification is activated, it can no longer be used until the occupancy identification is canceled. In private mode, the assigned user cards are retained. !

1. Hold the master card or manager card centrally in front of the lock. A beep and the green LED confirm the successful process.
2. Turn the knob to the open position and pull the door open.

4 Unlock via master key

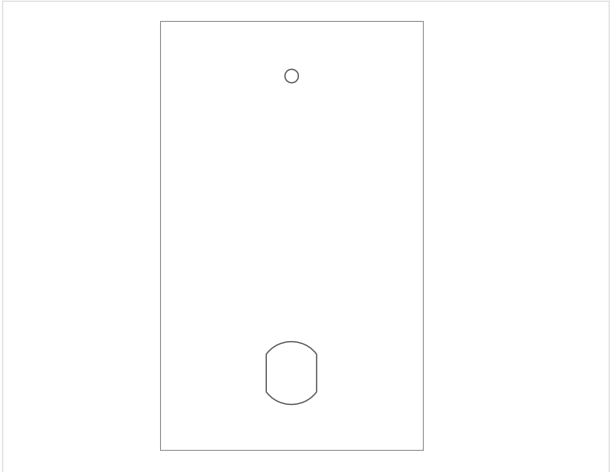
The **master key** and a magnet are required for this process !

1. Use the magnet to remove the knob cover.
2. Insert master key and open lock.
3. Turn the master key back, remove it and replace the knob cover.

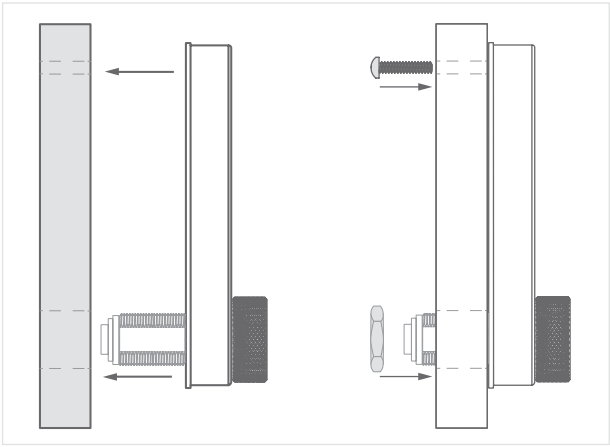
Assembly

Mounting dimensions and templates (STEP files) for milling, punching or lasering can be requested from BURG.

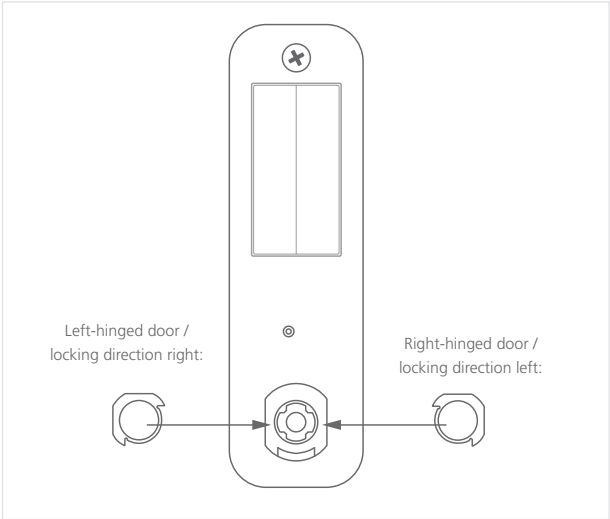
1 Prepare the mounting hole according to the mounting dimensions (measurements on p. **4**).



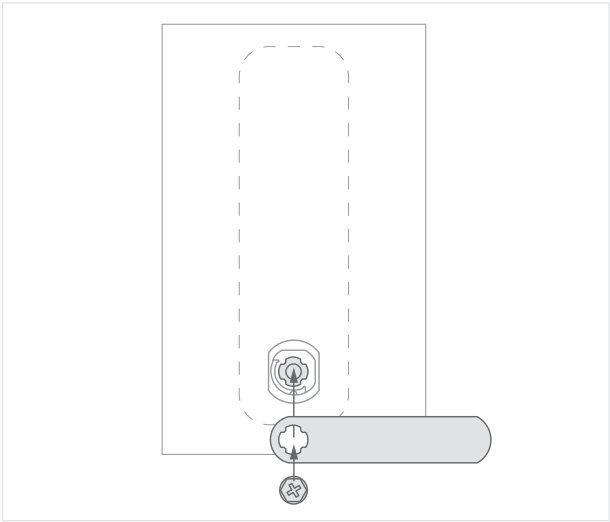
2 Insert the lock into the mounting hole from the front (outside of the door) and hold it in this position. Make sure that the BURG logo is at the top of the lock. Place the M19 nut on the stator from behind and tighten hand-tight using a socket wrench (SW22). Insert the fastening screw above the lock through the hole provided and screw it to the lock using a Phillips screwdriver (e.g. size PH 2).



3 Set the locking direction if required. On delivery, the locking direction is set to "left" (door hinge: DIN right). The locking direction can be adjusted in 90° steps. To do this, remove the locking direction disk from the stator, turn it 90° to the right and replace it.



4 Fit the cam and tighten it hand-tight using the enclosed cam fixing screw and a Phillips screwdriver (e.g. size PH 2).



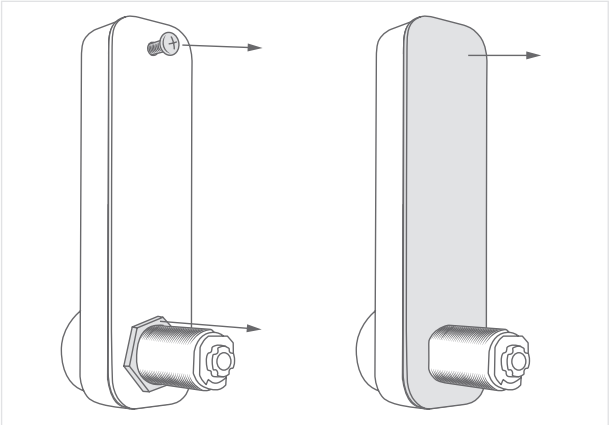
5 Then check whether the cam has sufficient hold on the striking plate or the rebate when closed. It should be possible to turn the cam to its end position without pressure or resistance when locking the locking system.

Note: The locking can be optimally adjusted using an adjustable striking plate. For more information, please get in touch with your contact at BURG.

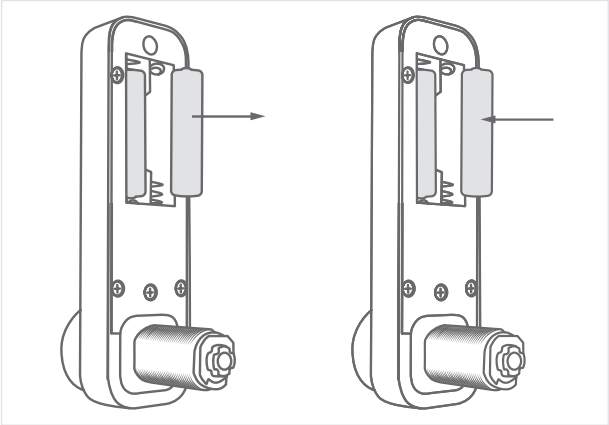
Battery Change

The locking system must be dismantled to change the battery.

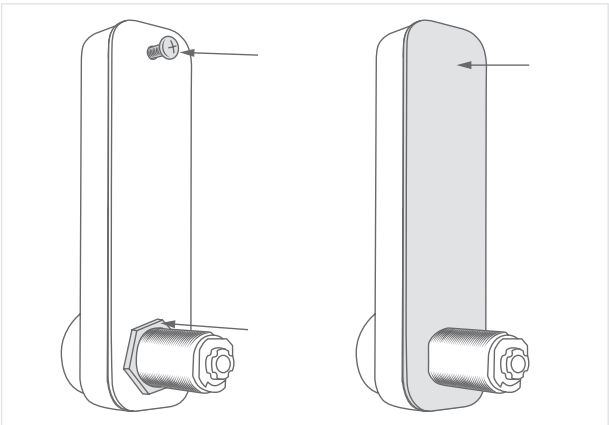
1 Dismantle the locking system (see page **9** "Assembly"). Remove the screw, nut and rubber seal.



2 Replace the batteries according to the (+/-) symbols.



3 Replace the rubber seal. Refit the locking system with the nut and screw (see page **8** "Assembly").



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Contact

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