



secu **ENTRY** easy

## Initial setup

### secuENTRY easy

### ENTRY 7600 CYL

en



Setup with app  
**BURGsmart**



#### Video instructions

Simple instructions on the setup and operation of your secuENTRY components. Follow the QR code or go to...

<https://t1p.de/burgsmart-app>

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Further languages at:

[www.burg.biz](http://www.burg.biz)

## Foreword

Dear Customer,

Thank you very much for deciding on the secuENTRY cylinder *ENTRY 7600 CYL*.

The system was developed in Germany according to the most modern technical capabilities and fulfils the latest high safety requirements.

The *ENTRY 7600 CYL* electronic cylinder can be easily installed in any door with a mortise lock, up to a door thickness of 118 mm (59/59 mm, measured in the centre of the forend screw). No drilling or laying of cables is required and it is ideally suited for both new installations and retrofitting. The *ENTRY 7600 CYL* can be fitted to house and interior doors.

The *ENTRY 7600 CYL* is setup and operated using the free smartphone app *BURGsmart*<sup>\*</sup>. The transmission is wireless, the cylinder uses the modern Bluetooth 5.2 standard.

<sup>\*</sup> Alternatively, the cylinder can also be operated by keypad (e.g. *ENTRY 7712 Keypad FP*), the radio key *ENTRY sE-Key 7713*, as well as other add-on products (all items available separately. For a complete list of all compatible products, please refer to page 10 of these instructions). The *BURGsmart* app is however always required for the setup.

### ! Important:

- Please read the entire operating instructions before you start the installation.

We hope you enjoy your new locking system!

## Set contents

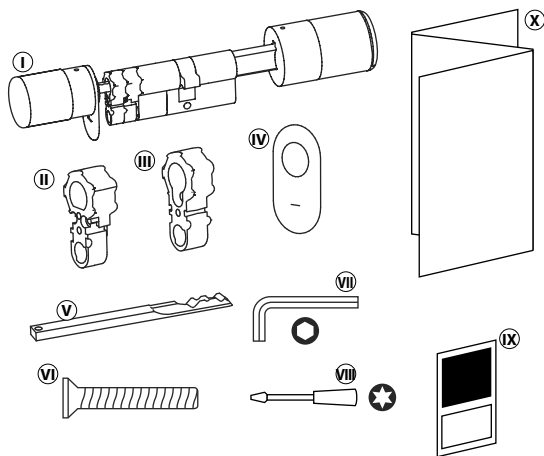


Fig. 1

①	ENTRY easy 7600 CYL Cylinder
②	Adapter 1 incl. 2x M2x10 screws
③	Adapter 2 incl. 1x 2.9x13 screw
④	Emergency lock cover (2x)
⑤	Emergency key
⑥	Forend screw
⑦	Hexagon spanner SW2
⑧	Screwdriver TX8
⑨	QR-Code sticker
⑩	Mounting instructions plus warranty and disposal instructions

## Technical data - ENTRY 7600 CYL Cylinder

Cylinder unit power supply	2x Mignon LR6 AA Alkaline
Permitted ambient conditions	-15 °C/+50 °C / up to 95 % relative humidity (non-condensing)
Radio standard	Bluetooth 5.2 LE
Transmission power	≤ 10 dBm
Frequency range	2.4 - 2.483 GHz
Range	Approx. 4 m
Number of access media	Up to 2,000 user codes (incl. one administrator code)*, sE keys** or BURGsmart connections, of which max. 45 fingerprints*** when using a fingerprint keypad or 300 when using the PC software****.
Blocking times	After 3x incorrect entries of an opening media 1 minute, thereafter 3 minutes each time

### ! Note:

The integrated manipulation protection in the cylinder ensures that the cylinder is blocked for one minute after three incorrect entries of an opening media. From the fourth incorrect entry, the cylinder is blocked for three minutes each time.

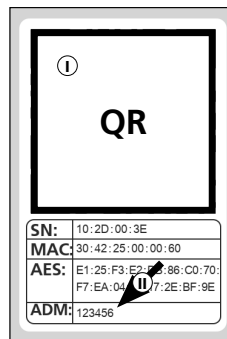
## QR code/Administrator code

The QR codes (I) are required later when setting up the set using the BURG-WÄCHTER BURGsmart app (Fig. 1).

The sets are delivered from the factory with a random administrator code (II) (Fig. 1), consequently a code change is not mandatory.

### ! Attention:

Neither the QR codes nor the factory-generated administrator code are stored by BURG-WÄCHTER. Recovery is not possible if the codes are lost. It is important to keep the QR code stickers enclosed with the set in a safe place. We further recommend that you photograph the stickers and also archive them digitally.



Cylinder QR code sticker

Fig. 1

\* The user code can only be used as an opening media in conjunction with the ENTRY 7711 keypad PIN, ENTRY 7712 keypad FP or ENTRY 7722 keypad FP (available as an option).

\*\* Radio key ENTRY sE-Key 7713 available as an option.

\*\*\* The fingerprint can only be used as an opening media in conjunction with the fingerprint keypad ENTRY 7712 Keypad FP or ENTRY 7722 Keypad FP (available as an option).

\*\*\*\* Additional input of fingerprints is possible using Windows software ENTRY 7783 Pro and the programming device ENTRY 7073 Enrolment (both available as an option).

## ENTRY easy 7600 CYL activation

- 1 First of all, download the *BURGsmart* app in order to be able to set up your new locking system. This can be found in the iOS App Store and Google Play Store (Fig. 1).



Fig. 1

- ! **Note:** The Android version of the *BURGsmart* app has been used for these instructions. The iOS version can be slightly different visually, but the work steps are identical.

- 2 You will be shown licence provisions for the use of the app when you open it for the first time. Carefully read them and then confirm by clicking "OK" in the bottom right-hand corner (Fig. 2).
- 3 Enter your name and a mail address (Fig. 3).
- 4 Select them the item: "*BURG-WÄCHTER Cloud*" this is not required for the setup and can therefore be ignored for the time being ( Fig. 3). An explanatory note on this subject can be found in the master operating instructions on our website (see link on the title page).
- 5 Read through and agree to the terms of use and privacy policy (Fig. 3).
- 6 Tap on "*Register*" (Fig. 3).
- 7 The *BURGsmart* app main screen appears. Open the "*My System*" menu at the bottom left (Fig. 4).

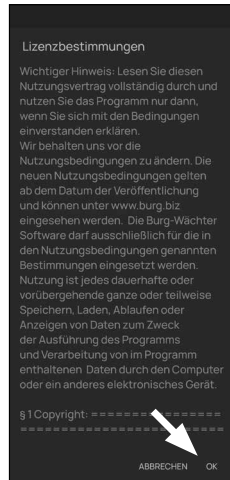


Fig. 2



Fig. 3

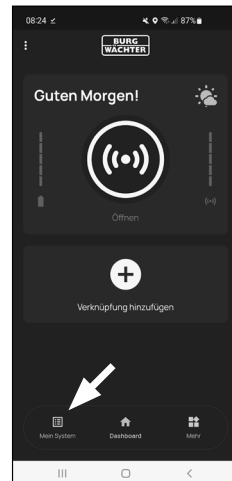


Fig. 4

## I - User

- 1 Tap on the menu item "*I - User*" (Fig. 1).
- 2 A list of the users that have already been created is displayed. A user profile with a lock opening via smartphone has already been automatically created for the administrator. Tap on this (I) (Fig. 2).

- ! **Note:** Alternatively, a new additional user profile can be created at this point. To do so, tap the "+" in the top right-hand corner (II) (Fig. 2).

### User data

- 3 An overview of the user data appears. If you have created a new user, first enter the first name and surname of the user (I) (Fig. 3).

### Access data

- ! **Note:** This section allows you to enter the desired opening media (e.g. user code or fingerprint) for the user (II) (Fig. 3). The lock opening by smartphone is automatically stored in the administrator's user profile.
- ! **Note:** With this ENTRY 7600 CYL cylinder alone, only lock opening via smartphone can be used. For the opening media described below, the respective accessory items mentioned are required.

### Access data | User code

- 4 If you have an optionally available pin-code or fingerprint keypad (e.g. ENTRY 7711 PIN), you can store a 6-digit user code as the opening medium in this section. You will find instructions on how to set this up in the instructions for the respective item (III) (Fig. 3)

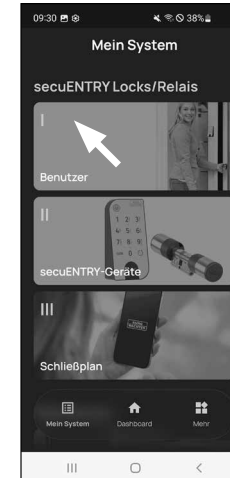


Fig. 1

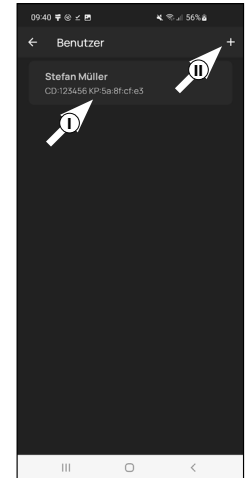


Fig. 2

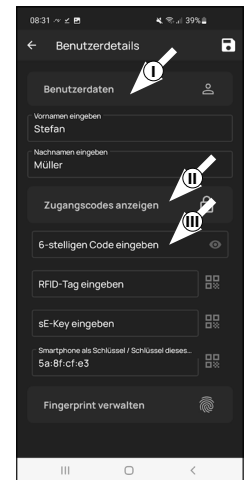


Fig. 3

### Access data | Enter RFID tag

- 5 An RFID transponder *ENTRY 7710 RFID* (optionally available) can be entered at this point. Instructions on how to set this up can be found in the RFID transponder instructions (I) (Fig. 4).

**!** **Attention:** This cylinder in this set requires the add-on article *ENTRY 7174 RFID Extender* for the use of RFID transponders. For a complete list of all compatible products, please refer to page 10 of these instructions.

### Access data | Enter sE-Key

- 6 A radio key *ENTRY sE-Key 7713* (optionally available) can be stored at this point (II) (Fig. 4). Instructions on how this is setup can be found in the radio key instructions.

### Access data | Smartphone as key

**!** **Note:** The lock opening by smartphone is automatically stored in the administrator's user profile (III) (Fig. 4). A different smartphone as the electronic key can be stored in this field for additional users. An instructions on this subject can be found in the master operating instructions on our website (see link on the title page).

### Manage fingerprint

- 7 If you have the optional fingerprint keypad (e.g. *ENTRY 7712 FP*), you can store then register a finger as the opening media in this section. Instructions on how to set this up can be found in the instructions for the respective item (Fig. 5).

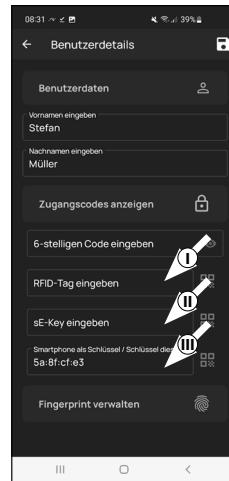


Fig. 4

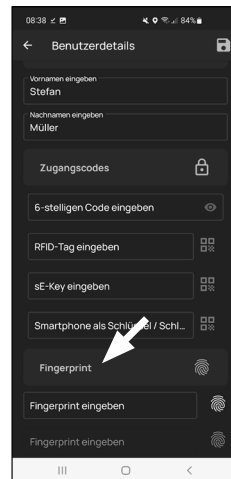


Fig. 5

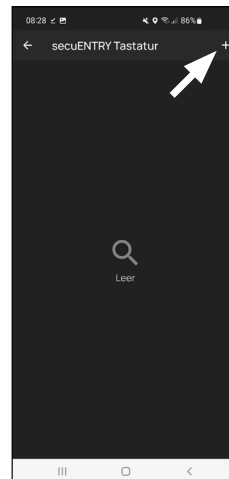


Fig. 6

**!** **Note:** If you wish to enter opening media for other users, go back one menu and select the respective user (Fig. 7). Repeat the steps in this chapter for this user.

- 8 You can now leave the menu (*I - User*). Return to the "My System" menu (Fig. 8).

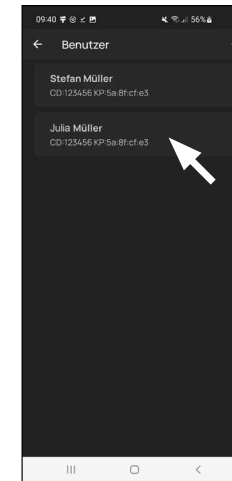


Fig. 7

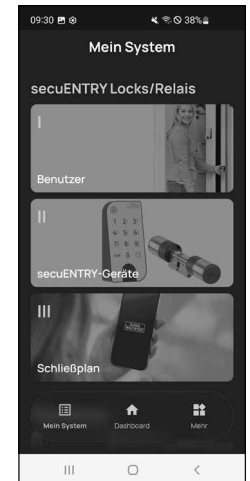


Fig. 8

## II - secuENTRY units

- 1 Tap on the second menu item "II - secuENTRY units" (Fig. 1).
- 2 The app displays a list of the cylinders that have already been registered. This is empty during the initial setup. Setup a new cylinder by tapping on the "+" in the top right-hand corner (Fig. 2).

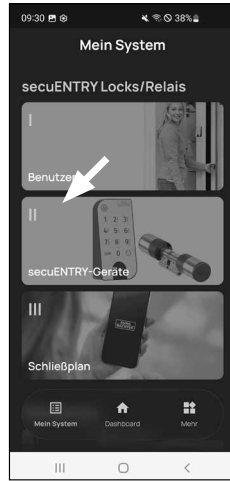


Fig. 1

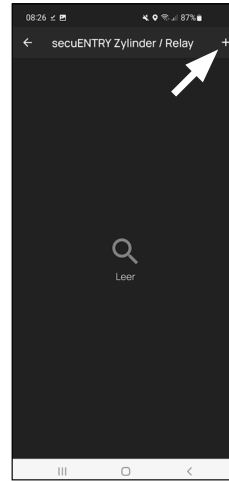


Fig. 2

- 3 A prompt will appear asking you to scan the cylinder QR code provided using your smartphone camera (Fig. 3). The QR code is on the sticker enclosed in the packaging (Fig. 4).

**! Attention:** The set comes with two QR code stickers, one for the cylinder and one for the keypad. You can identify the QR code required here for the cylinder by the administrator code at the bottom of the sticker, marked "ADM" (Fig. 3).

- 4 Tap on "Next" (Fig. 4). You may be asked to confirm the app's access to the camera.

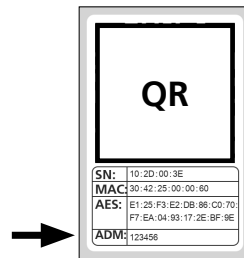


Fig. 3  
Cylinder QR code sticker

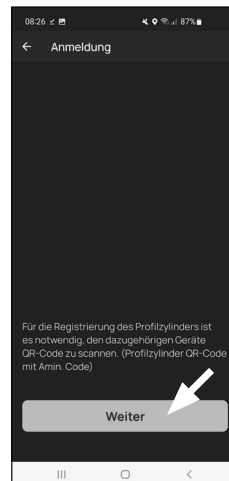


Fig. 4

- 5 The capture window of the camera opens. Scan the QR code.
- 6 A message appears containing data regarding your cylinder; confirm this with "OK" at the bottom right (Fig. 4).
- 7 In the following window, you will be prompted to assign a name for the cylinder. Where several cylinders and secuENTRY components are used, it is recommended to name the cylinder in such a way that you can directly identify what it is and where the cylinder is located or attached. In the example in these instructions, the cylinder is titled "Front door cylinder". Confirm the name with "OK" (Fig. 5).
- 8 A message appears informing you that you can change your administrator code. As you received a randomly generated administrator code at the time of delivery, this step is optional. You can bypass this with "Skip" (Fig. 6).

**! Note:** The randomly generated administrator code can be found on the enclosed QR code sticker under "ADM" (Fig. 9). The administrator code can be changed at any time at a later date. Refer to the master operating instructions on our website for an explanation on this subject (see link on the title page).

- 9 In order for the keypad to receive the information on which cylinder it is to control, this cylinder must be available and assigned within the app.

The next menu (Fig. 8) offers you the following two options:

- „Link to an keypad“: You have already setup a keypad in the app and want to link it again.
- „Skip“: Carry out this step at a later date.

**! Note:** The ENTRY 7600 CYL cylinder does not contain a keyboard. If you do not have a keypad, you can skip this menu item and proceed directly to the next chapter.

- 10 Tap on „Skip“ (Fig. 8).

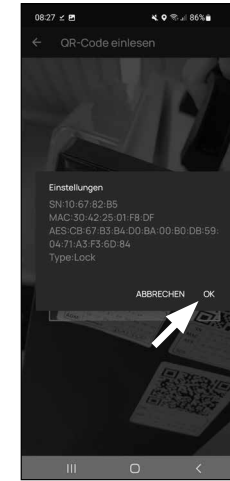


Fig. 5

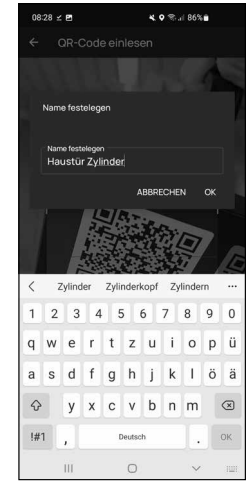


Fig. 6

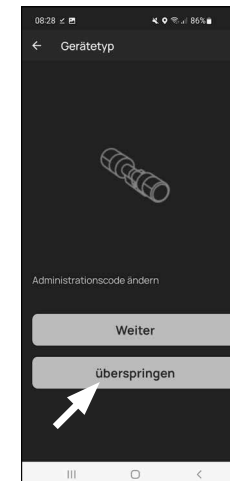


Fig. 7

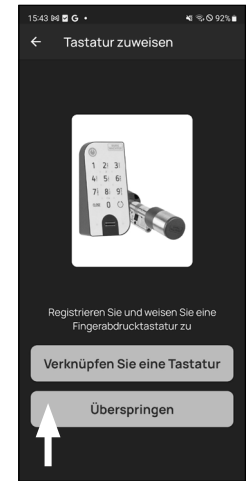


Fig. 8

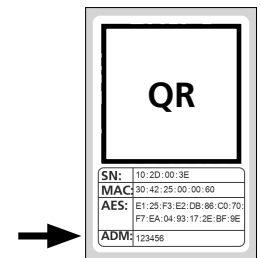


Fig. 9  
Cylinder QR code sticker

### III - Locking plan

- 1 Use this menu to define the locking plan, namely which user is allowed to open which lock. The data is then transferred to the cylinder.
- 2 Open the "My System" menu (I) (Fig. 1).
- 3 Tap on the fourth menu item "III - Locking plan" (Fig. 1).
- 4 A table is displayed consisting of the existing cylinders (horizontal) and the configured users (vertical) (Fig. 2). Select the checkbox where you wish to authorise the respective user to use the corresponding lock (I) (Fig. 2) and then click on the button "Save changes" (II) (Fig. 2).

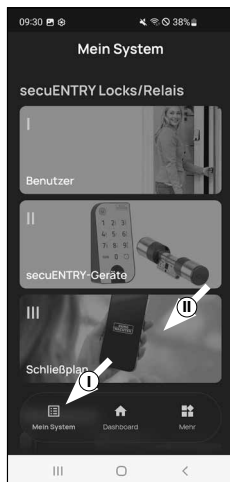


Fig. 1

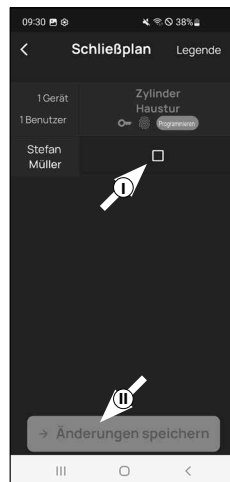


Fig. 2

**! For info:** This table is of interest when you have several cylinders and users. This allows you to clearly determine in one step who is allowed to access which cylinder. Fig. 3 provides an example of what a completed table with corresponding cylinders and users might look like.

**! Attention:** The following step requires the smartphone, keypad and cylinder to be in direct proximity to each other (Bluetooth range).

- 5 If any changes have been made to the locking plan, the display of the respective cylinder appears red and the "Program" button is displayed. This indicates that the settings have not yet been transferred to the cylinder. To do this, tap the red "Program" button for the respective cylinder (Fig. 4).

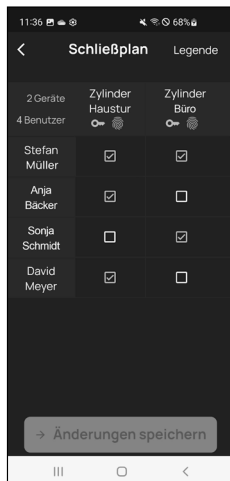


Fig. 3

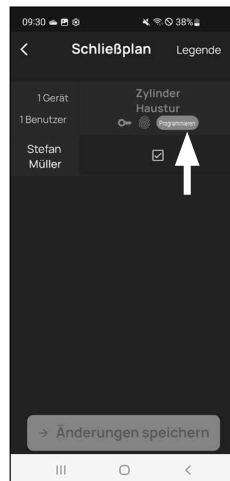


Fig. 4

- 6 Here you will be asked to verify yourself with your administrator code. Enter the code and confirm with "OK" (Fig. 5).

**! Note:** The factory administrator code can be found on the QR code sticker of the cylinder under "ADM" (Fig. 9).

- 7 The data will be transferred. A confirmation will appear after a brief moment and at the same time a request to now assign the keypad. Tap on the confirmation message (Fig. 6).

- 8 Select the required keypad (Fig. 7).

- 9 You will be asked to set the keypad to programming mode (Fig. 8). Instructions on how to do this can be found in the chapter "Setting the keypad into programming mode" on page 3. As soon as the keypad is in programming mode, indicated by the LEDs on the keypad flashing continuously, tap the "LEDs flashing continuously, continue" key in the app (Fig. 8).

- 10 A confirmation will appear after a brief moment when the data has been transferred. Confirm with "OK".

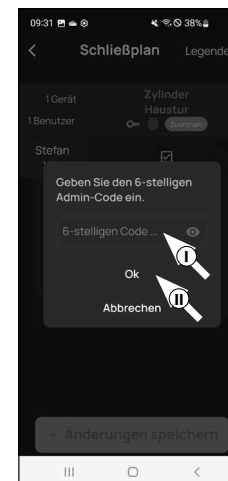


Fig. 5

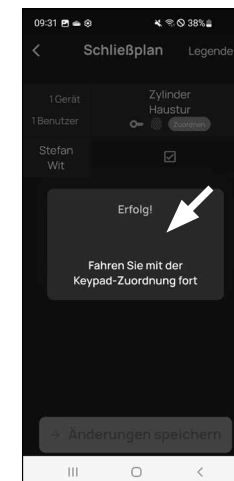


Fig. 6

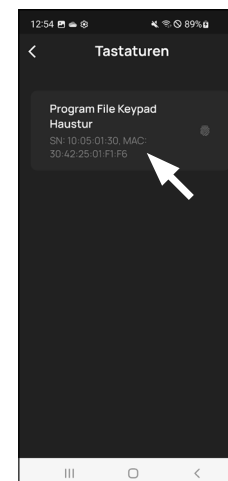


Fig. 7



Fig. 8

The setup is now completed.

Repeat the steps in the respective chapters if you wish to integrate further components into your system at a later date, change access data or create additional users.

Please note: All changes and additions are carried out within the app and must then be transferred to the respective secuENTRY component. This last chapter, "Locking plan" (page 6) must be completed in each case in order to be able to use them in your components.

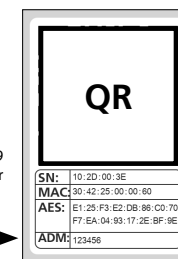


Fig. 9  
Cylinder QR code sticker



## Using the cylinder and keypad

To use the cylinder (Fig. 1), remove the battery protection strip.

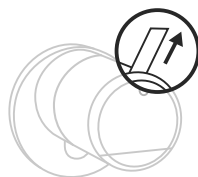


Fig. 1

## Opening the secuENTRY lock

The ENTRY 7600 CYL enables you to open the lock via the BURGsmart app, provided you have set up the corresponding opening media in accordance with these instructions.

## Opening the secuENTRY lock with the BURGsmart app

Proceed as follows to open the ENTRY 7600 CYL cylinder and consequently also the door:

- 1 Open the BURGsmart app and press the "ACCESS" button in the middle (Fig. 1).

**Note:** The BURGsmart app is programmed so that when more than one cylinder is used, it automatically adjusts to the cylinder that is within the shortest distance of the smartphone. Each cylinder can be opened by pressing the "ACCESS" button.

- 2 The cylinder is now released and the lock can be opened (Fig. 2) or locked (Fig. 3).

**Note:** Depending on the door stop, the direction of rotation may be reversed.

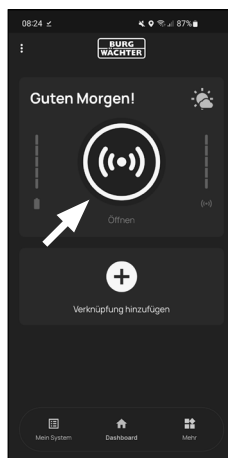


Fig. 1

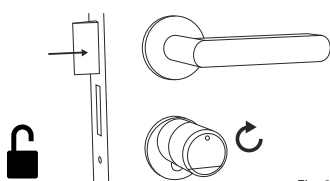


Fig. 2

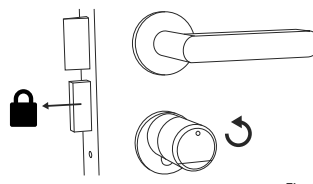


Fig. 3

## Opening the secuENTRY lock with the emergency lock

Should the batteries in the locking cylinder be completely discharged, the lock can still be opened mechanically. The emergency lock is located on the outer side, below the knob attachment.

**Note:** When the assembly steps in these instructions have been completed, the emergency lock is behind a cover and is not directly visible.

- 1 To open the lock, open the emergency key at the joint and then insert it through the indicated slot on the emergency lock cover (Fig. 11).
- 2 Turn the key 90 degrees clockwise. If required, move the outside knob slightly to the right and left in order to release the mechanism. The lock is open after at least two full turns of the cylinder knob.
- 3 After opening the door, turn the emergency key back to its original position (90 degrees counterclockwise) and remove it.
- 4 To return the locking cylinder to its regular locking position, turn the outside knob two complete turns in both directions. This engages the mechanism and the emergency lock is fully closed.

**Note:** When the emergency lock is used, the keyhole indication on the emergency lock cover is torn. A second cover is included in the set so that it can be replaced for aesthetic reasons.

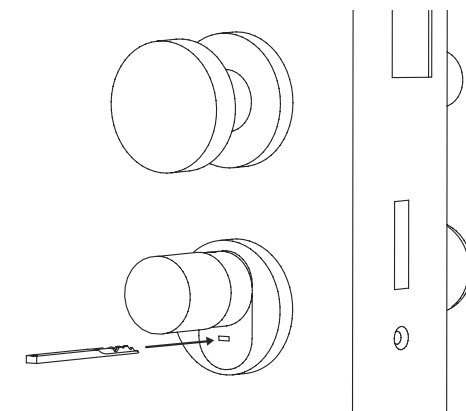


Fig. 11

**Attention:** Please note, the emergency lock is designed for emergency openings only. Please do not use it as a permanent alternative to the standard locking options.

## Assembly of the ENTRY easy 7600 CYL

The installation of the ENTRY easy 7600 CYL is explained below. Prior to installation, please read the installation instructions carefully.

- 1 Remove the existing door lock cylinder by loosening the forend screw in the door and pulling out the cylinder with the key inserted (Fig. 1).
- 2 The loosening and fixing of the outer and inner knob is achieved by means of an integrated grub screw in the rotary knob. Loosen the two grub screws in the two knobs with the enclosed hexagonal spanner (Fig. 2).
- 3 Pull off the knob on the outside completely and pull the knob on the inside as far back as possible (Fig. 3).

**! Attention:** Use the long side of the hexagonal spanner for this. Turn the screw four times anticlockwise. Do not remove the screws from the knob.

**! Tip:** The knob is in the inner side of the battery compartment. Pay attention to the battery compartment cover with the screw hole (see diagram).

**! Attention:** The knob on the inside cannot be pulled off. Do not try to loosen it by force, as pulling the knob from the shaft will destroy the electronics. The grub screw in the knob serves as a pull-off protection.

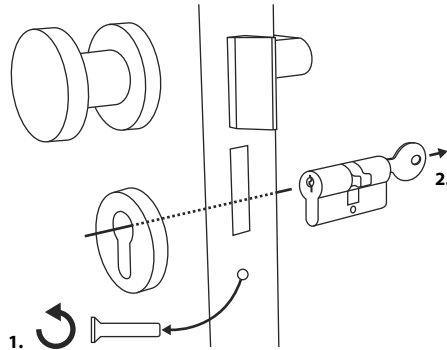


Fig. 1

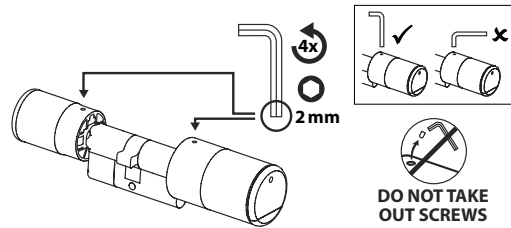


Fig. 2

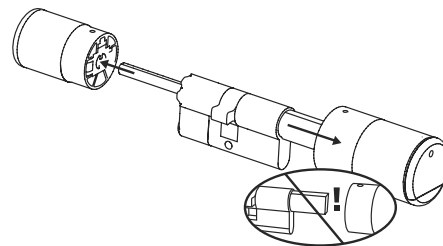


Fig. 3

- 4 Adapters may be required depending on the door thickness.

If the distance between the forend screw and the outer side of the door (Fig. 4) is...

- < 43 mm = no adapter required (Fig. 5)
- 44 - 53 mm = Adapter 1 required (Fig. 6)
- 54 - 59 mm = Adapter 1 and 2 required (Fig. 7)

After adapter 1 has been attached (see above), then also push adapter 2 onto the lock shaft. Screw it tight with the 2.9x13 screw provided.

- 5 From inside the door, push the cylinder into the mortise lock. Push the emergency lock cover onto the outer side of the locking shaft (Fig. 8).

**! Note:** Before assembling the cover, the protective films of the adhesive pads on the back of the cover must be removed so that the three adhesive pads securely fasten the cover to the cut-out/door.

**! Note:** When the emergency lock is used, the keyhole indication on the emergency lock cover is torn. A second cover is included in the set so that it can be replaced for aesthetic reasons.

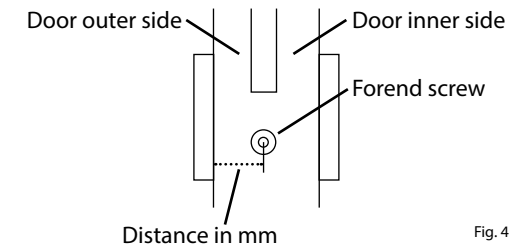


Fig. 4

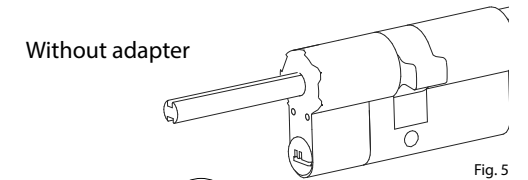


Fig. 5

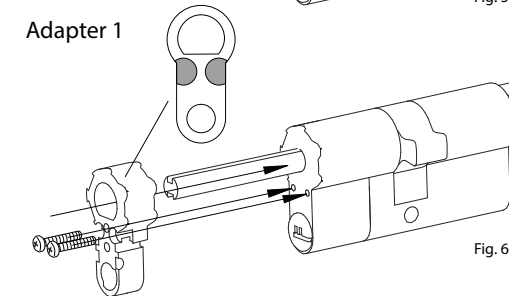


Fig. 6

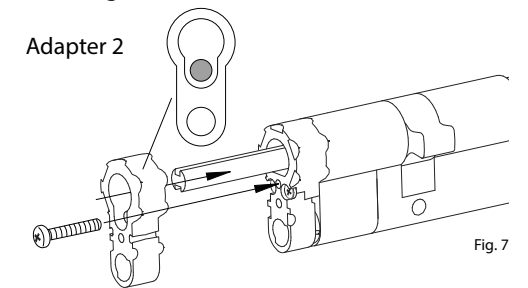


Fig. 7

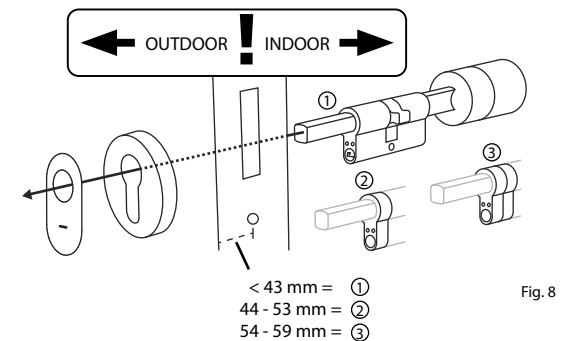


Fig. 8



- ⑥ Screw the cylinder into the door and push the inside and outside knobs up to the door (Fig. 9).

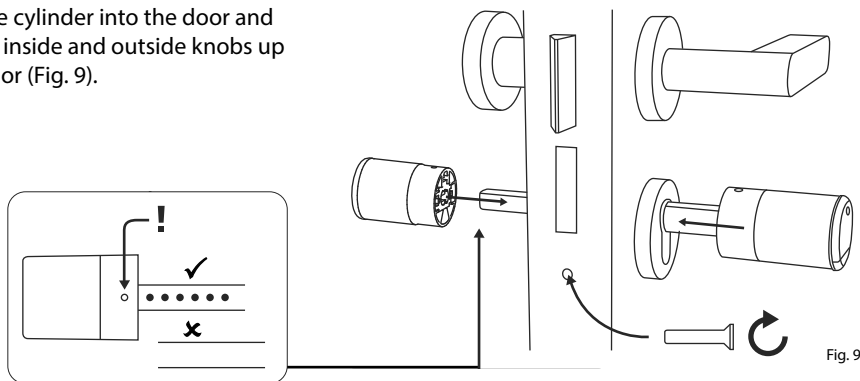


Fig. 9

- ⑦ Screw the grub screws back into the two knobs (Fig. 10).

! **ATTENTION:** Ensure that the knob is at least one millimetre away from the door.

**Attention:** Use the long side of the hexagonal spanner for this. Turn the screw clockwise with minimal force (max. torque approx. 0.4 Nm).

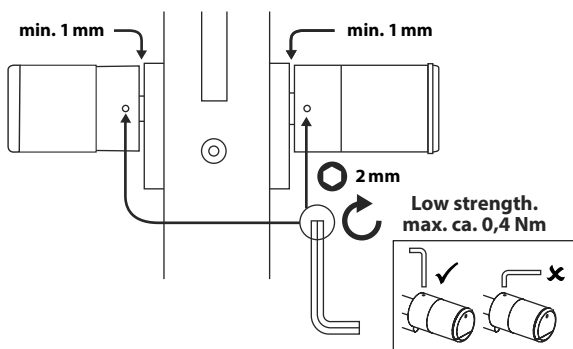


Fig. 10

- ⑧ If you have not already done so, remove the battery protection strip from the battery compartment on the inside knob (Fig. 11).

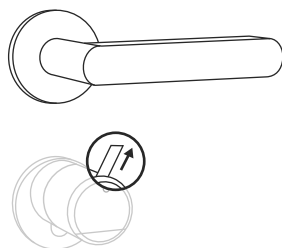


Fig. 11

## Battery status display and replacing the batteries

### ENTRY 7600 CYL cylinder

The battery status is shown on the display each time a secuENTRY cylinder is activated via the BURGsmart app (Fig. 1). When the batteries in the cylinder are running low, replace them as soon as possible.

- ! **Note:** The batteries are located in the cylinder knob on the **inside** of the door. If the battery status is ignored and the batteries become completely discharged, you can only open the cylinder from the outside using the emergency lock. For further information, please refer to chapter "Opening the secuENTRY lock with the emergency lock" on page 7.

Instructions on replacing the batteries are given below:

- ① Using the TX8 screwdriver provided, loosen the screw on the inner side of the door at the front end of the knob and open the cover. The screw can only be unscrewed up to the opening of the cover and will not fall out. (Fig. 2).

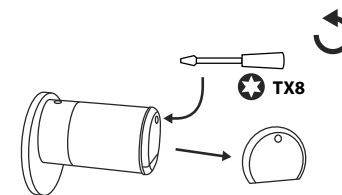


Fig. 1

Fig. 2

- ② Remove the old batteries and dispose of them appropriately.

- ! **Tip:** Instructions for proper disposal can be found on page 11 of these instructions.

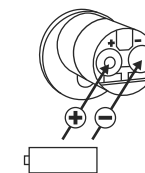


Fig. 3

- ③ Insert two new batteries. Make sure that the polarity is correct according to the drawing (Fig. 3).

- ④ Replace the front cover and screw it on tightly (Fig. 4).

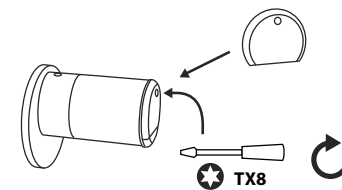


Fig. 4

## Compatibility with other secuENTRY products

Whether for one front door, several doors or a complete locking system: Simply configure your individual unit with the secuENTRY modular system.

Your ENTRY 7600 CYL cylinder can be extended with the following components:



Fig. 1

### secuENTRY Keypad ENTRY 7711 PIN / 7712 FP

Using the *ENTRY 7711 Keypad PIN*, you can unlock and lock the door with a 6-digit user code. In addition, with the *ENTRY 7712 Keypad FP* also with fingerprint.

**ENTRY 7711 PIN:**  
4003482507117

Further information can be found on our website:

www.burg.biz

**ENTRY 7712 FP:**  
4003482507124

Further information can be found on our website:

www.burg.biz

**ENTRY 7722 FP:**  
4003482507223

Further information can be found on our website:

www.burg.biz



Fig. 2

### secuENTRY Keypad ENTRY 7722 FP

The ENTRY 7722 FP display keypad enables opening with a 6-digit user code or fingerprint.



Fig. 3

### secuENTRY Radio key ENTRY sE-Key 7713

The cylinder is opened simply by pressing a button using the *ENTRY sE-Key 7713* radio key. The transmission is encrypted at a high security level (AES encryption).

**Article number:**  
4003482507131

Further information can be found on our website:

www.burg.biz



Fig. 4

### secuENTRY Transponder ENTRY 7710 RFID

The modern passive transponder provides door opening with contactless data transmission.

**Attention:** The *ENTRY 7174 RFID Extender* add-on is additionally required for use with the *ENTRY 7600 CYL* cylinder.

**Article number:**  
4003482568200

Further information can be found on our website:

www.burg.biz



Fig. 5

### secuENTRY Add-on ENTRY 7174 RFID-Extender

RFID transponder reader. Can be used for cylinders or, in conjunction with an ENTRY 7171 Relay, for external electronic devices.

**Article number:**  
4003482501740

Further information can be found on our website:

www.burg.biz



Fig. 6

### secuENTRY Add-on ENTRY 7171 Relay

Control unit for switching external electronic devices (shutters, barriers, light sources, etc.).

**Article number:**  
4003482506707

Further information can be found on our website:

www.burg.biz



Fig. 7

### secuENTRY Add-on ENTRY 5670 Bridge

Your new found freedom: Using the secuENTRY Bridge via the internet you can open your door even when you are out and about.

**Article number:**  
4003482562802

Further information can be found on our website:

www.burg.biz



Fig. 8

### secuENTRY Add-on ENTRY 7172 REMOTE

For automatic remote activation. Control of electronic garage motors, alarm systems, etc.

**Article number:**  
4003482501726

Further information can be found on our website:

www.burg.biz



Fig. 9

### secuENTRY Windows-Software ENTRY 7750 Software Light

Provides convenient user management of up to 15 users and 8 locks.

**Article number:**  
4003482507506

Further information can be found on our website:

www.burg.biz



Fig. 10

### secuENTRY Windows-Software ENTRY 7783 Software Pro

Designed specifically for companies and public authorities. Allowing the management of up to 2,000 users and up to 1,000 doors per client (database) or up to 500 doors in hotel mode.

**Article number:**  
4003482507834

Further information can be found on our website:

www.burg.biz





secuENTRY easy  
ENTRY 7600 CYL

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BD Initial setup ENTRY easy 7600 CYL EN HBG/SWI 021023

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