



# Electronic Door Lock



## en Instructions for assemblage and use

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BW\_Half Zylinder\_BA\_sE\_007101 kfs 150523

### Introduction

Congratulations to this Burg-Wächter quality product! Thank you for choosing the electronic locking system secuENTRY from the house of Burg-Wächter. This system has been engineered and produced according to the most recent technical possibilities and conforms high security requirements. The electronic half-cylinder ENTRY 5705 Half and secuENTRY pro 7030 Half have the dimensions of a mechanical half-cylinder (30/10) according to DIN 18252 and are ideally suitable for new installation as well as for retrofitting.

### Contents of this manual

- A General remarks
- B Assembly
- C Programming/Function/Operation
- D Technical data
- E Battery change
- F Warranty/Environment

### A. General remarks

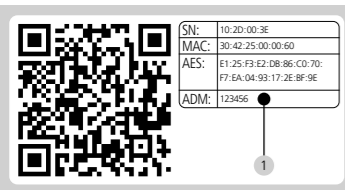
Please read this instruction manual carefully before starting with assembling or programming. Store it away safely. We wish you much joy with your new locking system.

The half-cylinder can be used with the following opening devices:

- Keypad PINCODE
  - Keypad FINGERPRINT
  - Transponder (two transponders are enclosed to the package secuENTRY 5705)
  - Smartdevice/App
- The opening devices are separately available.

### Administratorcode / QR code

To every half-cylinder, a QR code is attached that is necessary for introducing a keypad as well as for the integration in a locking system via the optional secuENTRY software. **Without a matching keypad, opening media (user, transponders) can only be introduced to the cylinder via BURGsmart App or the optional software. The administrator code can as well be found on the note with the QR code.**



1 Cylinder (SN; MAC; AES; ADM)

**Attention! With a loss of the administrator and/or the QR code, the reprogramming resp. the usage of all administrator functions is not possible anymore. Please store away safely!**

*Tip: The QR code can also be saved in an electrical form, scanned as a file or photo onto a secured data carrier.*

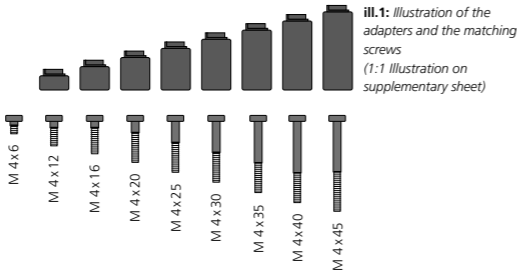
**For possibly occurring injuries or damage during the assembly or due to a wrong handling, the manufacturer accepts no liability.**

### B. Assembly

In the following, the assembly of the half-cylinder is being explained. Please read this instructions carefully before the assembly.

#### Please note

The basic measurements of the cylinder are 30/10 mm. Delivered, the outside knob is already preassembled. Attached to the cylinder is an adapter kit that enables you to adjust the cylinder to doors with a thickness of up to 67.5 mm (measured center fixing screw). Matching to the adapter lengths, the respective screws are attached.



Adapter	No adapter	1	2	3	4
Measure A	<= 29mm	29,5 – 34mm	34,5 – 38,5mm	39 – 42,5mm	43 – 47,5mm
Screw	M4 x 6	M4 x 12	M4 x 16	M4 x 20	M4 x 25
Adapter	5	6	7	8	
Measure A	48 – 52,5mm	53 – 57,5mm	58 – 62,5mm	63 – 67,5mm	
Screw	M4 x 30	M4 x 35	M4 x 40	M4 x 45	

Table1: Needed adapters

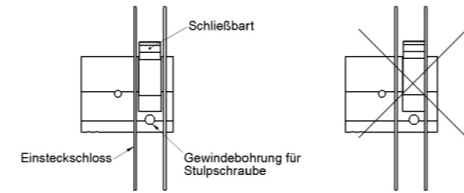
**Attention! Please proceed carefully with the assembly. Avoid collisional or plunge movements by all means. The lock must not be greased nor oiled.**

#### Proceed with the assembly as follows:

Hold the cylinder in front of the door to determine, if an adapter is needed. Alternatively, the door incl. the fitting can be measured (Measure A). If you use the rubber covers for the profile cylinder perforation, you need to add 2 mm to this measure.

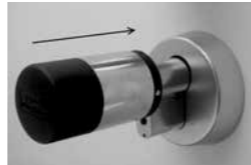


**With the assembly it is important to regard that the lock bit functions centrally inside the mortise lock. It must not get in lateral contact with the mortise lock.**



**Assembly for doors with a thickness (incl. fittings) under 29 mm on each side and for which the cylinder can be pushed through the profile cylinder opening from the outside to the inside.**

1 Push the cylinder through the profile cylinder opening.



2 Fixate cylinder with the fixing screw.

3 Perform a function test with the open door. Activate the lock via an opening device. Turn the knob in the opening and closing direction. The knob needs to be easy to turn. Afterwards, perform the test with the door closed.

**Assembly for doors with a thickness (incl. fittings) over 29 mm each side.**

1 Press together the snap-in nose of the knob with the removal pliers and remove the cover.



2 Carefully remove the plug.



3 Unscrew the screw.



4 Pull the knob from the cylinder and thread the cable out of the duct.

**Attention! Do not damage the board or the cables!**

5 If required, assemble the cylinder extension and apply the cylinder with the cylinder extension. Afterwards, fixate with the fixing screw. Mark succinctly the cylinder extension with the fitting. The cylinder extension prevents a bracing of the cylinder.

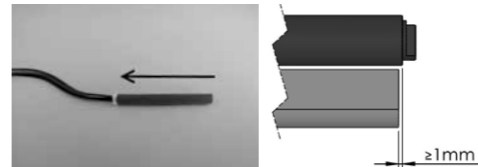


6 Disassemble the cylinder with the cylinder extension and cut to desired length with a saw. Afterwards, assemble definitely with one of the attached M4x6 screws.

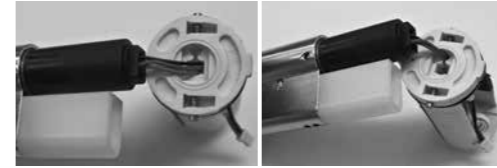


7 Choose a matching adapter according to table 1. Thread the plug through and push the adapter onto the cylinder. If required, you can stick on the mounting aid first and then push the plug through the adapter.

**Attention: Please check that the cylinder extension is shorter than the contact surface of the adapter.**

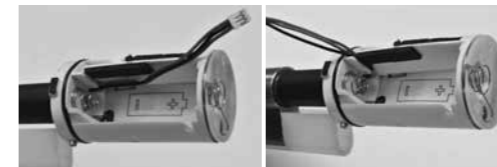


8 With the mounting aid, push the cable through the outer knob and store the cables inside the groove. **Attention: Do not crease or damage cables!**



9 Click inside knob onto the adapter.

10 Keep cables sturdy and lead inside the groove. **Attention! The cables must not overlap and must be stored completely inside of the groove!**



11 Screw in tight the screw with the attached Allen key.



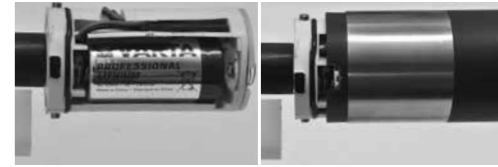
**Attention! Do not crease or damage cables!**

12 Connect cables via the plug connection with the board and store the excessive cables inside the provided side pocket.

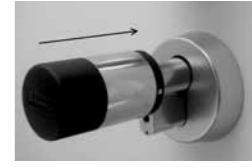


13 Insert batteries according to polarity and latch the shell.

**Please note: The snapping only functions in one particular position!**



14 Push the cylinder from the outside to the inside through the profile cylinder opening and fixate with the fixing screw.








15 Perform a function test with the open door. Activate the lock via an opening device. Turn the knob in the opening and closing direction. The knob needs to be easy to turn. Afterwards, perform the test with the door closed.

### C. Programming / Function / Operation





The logging on of the transponders resp. the keypads to the cylinder happens either via the keypad itself or via the secuENTRY software. To operate a cylinder via a keypad, the units need to be geared to one another. After that, e.g. transponders can be deposited. Proceed as follows:

#### Introducing a cylinder via keypad

- Turn on the keypad via the  button
- Afterwards, click on *FUNC*, scroll down with 2 until “Menü Sprache/Language” appears
- Confirm with 
- Scroll down with 2 until your respective language appears and confirm again with 
- Afterwards, click on *FUNC*, until “Menu/Code change” appears
- Via the buttons 1 and 2 you can now scroll down until you get to the “Menu Administrator”
- Confirm with 
- Via the buttons 1 and 2 you can now scroll down until you get to the menu Admin. setup “Setup...”
- Confirm twice with 
- Enter the admin code of the to be introduced unit.
- After a successful logging-in, “Dataset has been stored” appears on the display

**Attention! Make sure that no other powered secuENTRY unit is in close vicinity during the logging on of the keypad resp. a new cylinder as it can be responded to mistakenly. In case of doubt, these units need to be disconnected from the mains in advance (remove batteries).**

#### Introducing a transponder via keypad

- Turn on the keypad via the  button
- Afterwards press *FUNC* – “Menu/Code change” appears
- Scroll down with the button 2 until “Menu Administrator” appears
- Confirm your choice with . “Create user” appears
- Confirm with 
- Scroll down with 2 until “Create... Transponder” appears
- Confirm your choice with 
- Enter the administrator code in order to obtain the authorisation for programming
- Hold the to be introduced transponder front-end onto the knob
- On the display “Dataset has been stored” appears


#### Logging on via the secuENTRY software

Please learn about the procedure from the instruction manual of the respective software.


#### Opening

The half-cylinder, depending on the version, can be operated via a 6-digit secret code, the BURG-WÄCHTER BURGsmart, with fingerprint or with a transponder.

#### Opening via pin code


- Turn on the keypad via the  button
- Enter the 6-digit code (factory-set “1-2-3-4-5-6”).  
The display shows “Please turn the knob!” and the integrated LED of the cylinder flashes.
- Turn the cylinder knob.

#### Opening via fingerprint

- Turn on the keypad via the  button
- Pull the introduced finger centrally, from top to bottom over the sensor.  
“Please turn the knob!” appears on the display and the integrated LED of the cylinder flashes.
- Turn the cylinder knob.

#### Opening via transponder

- Hold the transponder front-end with a distance of 1 cm maximum in front of the cylinder knob. The integrated LED of the cylinder flashes once.
- Turn the cylinder knob.

**Please note that during the opening process with a transponder, the keypad must not be turned on via the  -button!**

#### Opening via the BURG-WÄCHTER BURGsmart App

- Hold your smart device in front of the cylinder knob and push the access button in your BURGsmart App.
- The integrated LED of the cylinder flashes at a successful opening.
- Turn the cylinder knob.

The BURG-WÄCHTER BURGsmart App is available for download in the AppStore or Google Play. Just search for the keyword “secuENTRY” or “BURGsmart”.

#### D. Technical data

<b>Lock wait</b>	After 3 x incorrect code entries 1 minute, afterwards 3 minutes each
<b>Power supply</b>	1 x CR 123A Lithium
<b>Smart Device / KeyApp*</b>	✓
<b>Smart Device / KeylessEntry*</b>	✓
<b>Apple Watch / KeyApp*</b>	✓
<b>Date / Time</b>	✓ <sup>1</sup>
<b>Calendar*</b>	✓ <sup>1</sup>
<b>Autotimer*</b>	✓ <sup>1</sup>
<b>Permanent timer</b>	✓ <sup>1</sup>
<b>Hotel function / Guest code</b>	✓ <sup>1</sup>
<b>Hotel function / Transponder</b>	✓ <sup>1</sup>
<b>Temporary code</b>	✓ <sup>1</sup>

\* Functions only via the optional secuENTRY software

<sup>1</sup> Only with secuENTRY pro 7030 Half

#### Additional features via the optional secuENTRY software e.g.:

- User administration
- Assignments of permissions

#### Optical signalling

Inside the turning knob on the outside of the door there is an optical signalling in form of a LED. Following hints are given by the LED:

- 1 x short: cylinder engages the clutch
- 2 x short: cylinder disengages
- 1 x short, 1 x long, 2 sec. break, repetition: Lock in programming mode
- 5 x short, 2 sec. break, repetition for 20 sec.: Battery inside the cylinder empty

#### About interferences with Bluetooth devices

Bluetooth devices make use of the same frequency range (2.4 GHz) like Wi-Fi devices. Due to this, interferences that cause errors or interrupt communication may occur. In such a case, unneeded devices should be de-energised.

#### E. Battery change

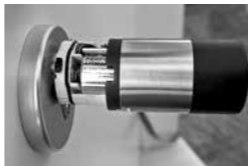
- Push back the notches with the attached tool and remove the knob case.



- Change battery according to polarity.



- Carefully attach the knob case again.  
**Please note: The snapping only functions in one particular position!**



**Attention! Please mind not to squeeze the cables.  
Mind a correct fit of the O-ring.**

- Snap in the knob case again.



#### F. Warranty/Enviroment

##### Warranty

In order to deliver a flawless and high quality product to you and to better assist you in case of service or repair, it is necessary that faulty or defective devices along with the valid administrator code and the QR code(s) be presented to your dealer together with the original documentation.

When returning goods due to your right of withdrawal, all parts of the appliance must also be in their factory settings. Failure to comply with this will invalidate the warranty.