

SAFE-O-PIN®

Keypad Lock



Note regarding this manual

This manual replaces all earlier editions.

The information in this manual may be changed without notice.

The information in this manual was produced with greatest care. However, Schulte-Schlagbaum AG, assumes no responsibility for the accuracy and completeness of the information in this manual. In particular, Schulte-Schlagbaum AG assumes no liability for consequential loss or damage as a result of incompetence or inaccurate information.

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Safety and warning notices – read before commissioning



The device may only be used for the purpose intended by the manufacturer.

The operating instructions have to be kept in an easily accessible place.

Unacceptable changes as well as the use of spare parts and special features which are not sold or recommended by the manufacturer, may cause fire, electric shocks and injuries. Therefore, such measures lead to no liability of the manufacturer and a lapse of all warranty claims.

Repair work may only be carried out by the manufacturer.

The appliance is subject to the manufacturer's guarantee regulations in the version valid at the time of purchase. We cannot be held liable for improper or faulty manual or automatic adjustment or parameters resp. improper use of the appliance.

The user has to make sure that the appliance is installed and operated according to the technical rules of the country of installations as well as other regional regulations.



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Change from “fixed locker” to “free locker” choice

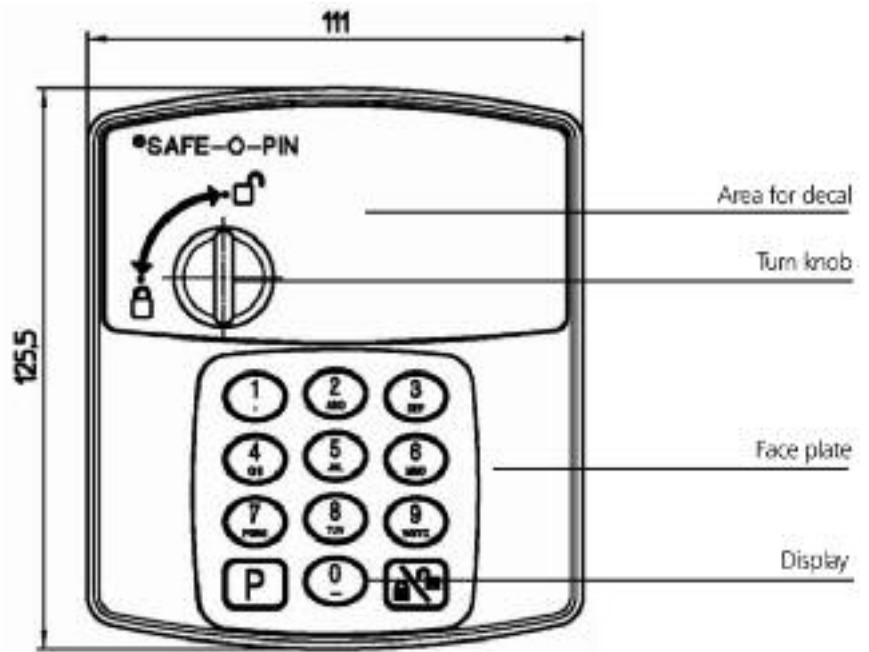
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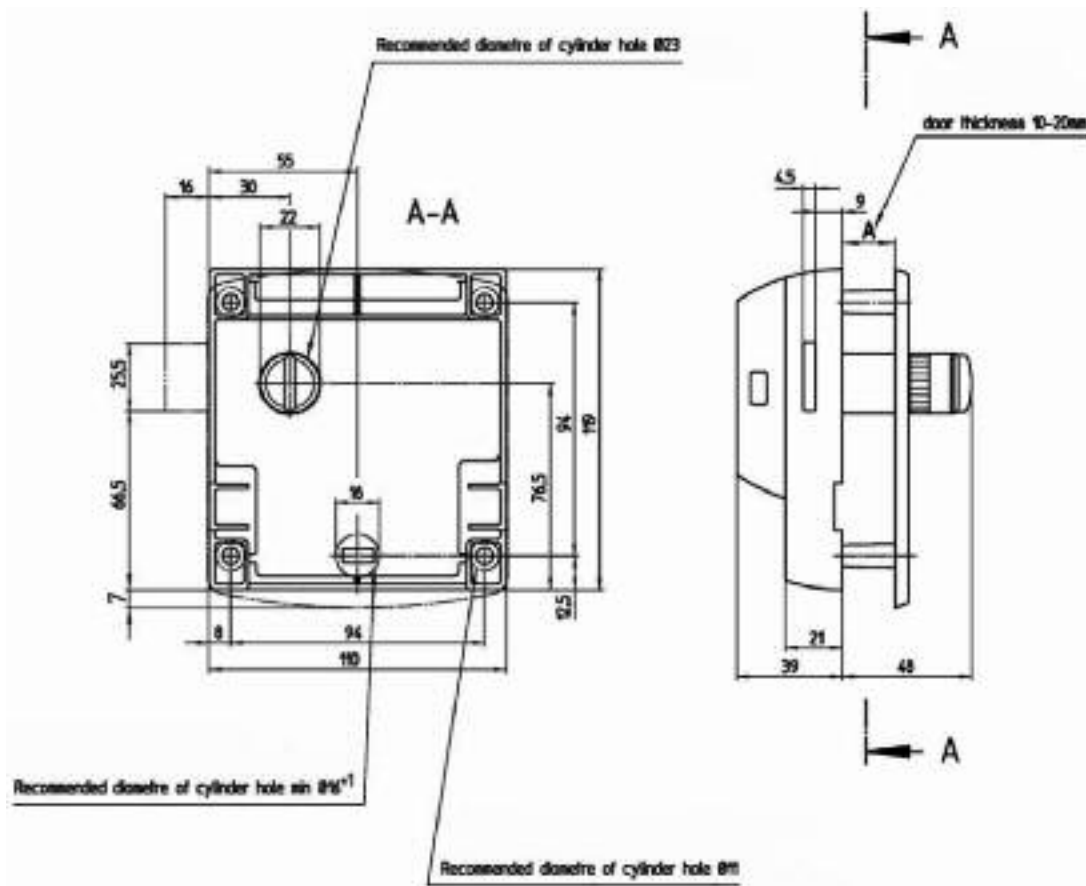
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Assembly and Function Check


- Fix the SAFE-O-PIN locker lock to the inner side of the door with 4 screws.
- Switch on the face plate with display and connector (outside).
Caution: Connector must not be damaged or bent at installation!
- Then link the housing and the face plate (inside) with 4 special screws (supplied ex works). Do not extend the maximum torque!
- Check the function of the SAFE-O-PIN with the TestCode (see page 5).



Draft



Important Information

- Enter PIN-Code: minimum 4, maximum 10 digits.
- Press  button to confirm PIN-Code.
- Enter PIN-Code is time limited.
- If PIN-Code has not been entered fluently (breaks of more than 3 seconds between each number) process will be interrupted. LED lamp flashes red 3 times. Then the PIN-Code can be entered anew.
- If you enter 3 times a wrong UserCode or MasterCode, the lock is blocked for 1 minute.
- The LED flashes every 3 seconds.
- Please see the list of all LED-signals (on page 14).

Delivery Status

All SAFE-O-PIN locks are delivered in the same status. The TestCode is activated for locking and unlocking. Please see the set-up information on page 6.

Lock and Unlock with the TestCode

The TestCode for easy function control (lock/unlock) after installation.

Lock and Unlock with TestCode

>Press button 0



>Then press button



LED flashes green.



>Turn knob to **lock**
(when opening lock
unlocking automatically)



LED flashes green



Information:

TestCode stays valid until first “real” programming of UserCode has been made.

Set-up

With the MasterCode2 every locker can be locked or unlocked anytime. MasterCode2 is necessary for change from “fixed locker” to “free locker choice”.


For set-up each SAFE-O-PIN lock has to be programmed with MasterCode 2.

Each lock is supplied with a MasterCode 2. This code is the same for all installations. Therefore it is a must to program at site an individual MasterCode2.

Caution: Only management personnel must know the programmed MasterCode2!

Programming MasterCode2 (Unlock and Lock)


By the operator

> Press button P and  together for 2 seconds


 and  for 2 seconds

LED flashes orange (every further entering will be accepted by LED green)




> Enter factory MasterCode2 (Buttons 7 6 7 6 2) and press button 



> Enter new MasterCode2 (Example: 1 2 3 6) and press button 



> Repeat new MasterCode2 and press button 



LED flashes green



**Make note of New Code*


Recommendation: Check whether the coded MasterCode2 works! (see below)

Lock and Unlock with MasterCode2

By the operator


With the MasterCode2 each locker can be unlocked and locked, **i.e. if a user has forgotten his code.**

> Press button  for 2 seconds

 press for 2 seconds

LED flashes green 1 time



> Enter MasterCode2 (Example: 1 2 3 6) and press button 



LED flashes green



> Turn knob to **lock** (When opening lock **unlocking** automatically)



LED flashes green



Lock and Unlock with UserCode2-“fixed locker”


By the user

The SAFE-O-PIN locks are supplied with UserCode2 “fixed locker” (each user can use one certain locker) to lock and unlock the locker, the user has to enter his individual code (UserCode2) once. Then he can lock and unlock “his” locker with this code. If necessary he can enter a new code.

Programming of UserCode2

> Press button P (every further entering will be accepted by LED green)




> Enter UserCode2 (Example: 2 3 6 9) and press button 



LED flashes green



Lock and Unlock with UserCode2

> Enter UserCode2 (Example: 2 3 6 9) and press button 



LED flashes green



> Turn knob to **lock** (When opening lock **unlocking** automatically)



LED flashes green




Change from “fixed locker” to “free locker choice”

Change to UserCode1 – “free locker choice”

By the operator

With “free locker choice” the user can enter any code to lock the locker.
To change to “free locker choice” the UserCode1 must be programmed by the operator.


Programming UserCode1

> Press button P and  together for 2 seconds


 and  for 2 seconds

LED flashes orange for 1 second
(every further entering will be accepted by LED green).



> Enter MasterCode2 (Example: 1 2 3 6) and press button 



> Enter activation code for “free locker choice” (buttons **8 2 1**) and press button 



LED flashes green




Lock and Unlock with UserCode1 – “free locker choice”

By the user

No previous programming necessary.

Lock and Unlock with UserCode1

> Enter UserCode1 (Example: 9 6 3 2) and press button 



LED flashes green



> Turn knob to **lock** (When opening lock **unlocking** automatically).



LED flashes green for 1 second




Change from UserCode1 to UserCode2 – “fixed locker”

By the operator

When changing from UserCode1 to UserCode2 the previous UserCode2 is not activated and must be programmed.


Change from UserCode1 to UserCode2

> Press button P and  together for 2 seconds


 and  for 2 seconds

LED flashes orange (every further entering will be accepted by LED green)



> Enter MasterCode2 (Example: 1 2 3 6) and press button 



> Enter activation code for “fixed locker” (buttons **8 2 2**) and press button 



LED flashes green




Activation MasterCode1 (only unlocking)

Only unlocking of locks is possible. The lock cannot be used unless MasterCode2 deblocks the lock for new UserCodes.

- MasterCode1 has to be programmed.
- MasterCode1 only possible after MasterCode2 has been set (see page 6).


Activate MasterCode1

> Press button P and  together

 and  for 2 seconds

LED flashes orange (every further entering will be accepted by LED green)



> Enter MasterCode2 (Example: 1 2 3 6) and press button 



> Enter activation code (buttons **6 2 1**) and press button 



LED flashes green




Information:

The MasterCode1 is only activated (a pre-programmed code 7 6 7 6 1 is already set which shall be changed). MasterCode1 must be programmed.

Programming MasterCode1 (only unlocking)


Programming MasterCode1

> Press button P and  together for 2 seconds


 and  for 2 seconds

LED flashes orange (every further entering will be accepted by LED green)




> Enter factory-MasterCode1 (buttons 7 6 7 6 1) and press button 



> Enter new MasterCode1 (Example: 1 2 3 7) and press button 



> Repeat new MasterCode1 and press button 



LED flashes green



Information:


Now a locker can be unlocked with MasterCode1. Identical codes for MasterCode1 and MasterCode2 is not allowed.

Unlock with MasterCode1

Now a locked locker can be unlocked with MasterCode1. After unlocking by MasterCode1 the locker cannot be locked again. MasterCode2 must be authorized.


Unlock with MasterCode1

> Press button  for 2 seconds

 press for 2 seconds

LED flashes green 1 time



> Enter MasterCode1 (Example: button 1 2 3 7) and press button 



The lock unlocks automatically, LED flashes green.



Information:

If a UserCode is entered, LED flashes orange. Use MasterCode2 first. (see page 11)




Activation with MasterCode2

After unlocking with MasterCode1 the lock must be activated with MasterCode2. The locker can be locked with a UserCode again.


Activation with MasterCode2

> Press button  for 2 seconds

 press for 2 seconds

LED flashes green



> Enter MasterCode2 (Example: buttons 1 2 3 6) and press button 



LED flashes green for 2 seconds




Information:

The SAFE-O-PIN lock is now activated for further use.

Deactivation of MasterCode1 (only unlocking)

Attention: Activating of MasterCode1 is possible after MasterReset only!


Deactivation MasterCode1

> Press button P and  together for 2 seconds


 and  for 2 seconds

LED flashes orange (every further entering will be accepted by LED green)




> Enter MasterCode1 (Example: buttons 1 2 3 7) and press button 



> Enter button (0) and press button 



> Repeat enter (0) and press button 




LED flashes green



Deactivation MasterCode2

Attention: In case the MasterCode2 is deactivated **no change of operation instructions are possible. Activating of MasteCode2 is possible after a MasterReset only!**


Deactivation MasterCode2

> Press button P and  together for 2 seconds


 and  for 2 seconds

LED flashes orange (every further entering will be accepted by LED green)




> Enter MasterCode2 (Example: buttons 1 2 3 6) and press button 



> Enter button (0) and press button 



> Repeat enter (0) and press button 



LED flashes green






MasterReset

To reset the SAFE-O-PIN lock into the delivery status (factory default).

- TestCode active
- MasterCode2 reset to 7 6 7 6 2
- MasterCode1 is deactive (factory-code 7 6 7 6 1)
- UserCode2 active.

MasterReset

1. Open battery cover
2. Unplug battery
3. Press buttons **1 3 0** together

 and  and  for 3 seconds

4. Plug battery in, while still holding buttons

Hold **1 3 0** for 3 seconds



Until LED flashes orange 3 times



5. Release buttons **1 3 0**

LED flashes green



6. Close battery cover

7. Test the function of the lock
(Lock and unlock with TestCode).

Information:

The SAFE-O-PIN lock is reset into delivery status and must be set up again. MasterCode2 **must** be programmed (see “Set-up”, page 6)

Further Information

Battery

The SAFE-O-PIN lock must only be used with the battery pack (231.49.900). Other battery packs might lead to malfunction or damage of the lock.



Battery life span

Battery life span: minimum 3 years with 40 operations per day. This can vary due to climate conditions, especially low temperature.

The date of battery change depends on:

- Number of operations
- Date of battery installation
- Environmental temperature

Also for only a few operations the battery change might be necessary after 5 years.

Battery control / Battery alarm

The automatic SAFE-O-PIN battery control insures that a SAFE-O-PIN lock with low battery power cannot be locked.

Low battery power: LED light flashes red and green (alternating)

Battery alarm: The SAFE-O-PIN lock blocks against locking. Immediate change of battery necessary.

Battery Change

No code is deleted.

- Open battery cover with special screw driver (231.49.920).
- Unplug empty battery pack.
- Plug in new battery pack.

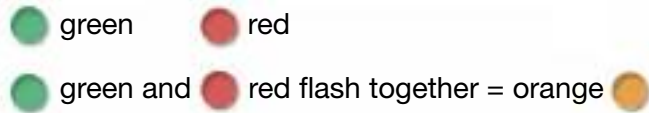
The SAFE-O-PIN lock is ready for use immediately.

Dispose of the empty battery pack according to environmental regulations.



LED-Signals

The integrated bi-color LED shows visual status to the user.
The following LED colors are as well:



Status

 for 1 second Function (lock/unlock) O.K.


Programming O.K.



 for 2 seconds Unlocking O.K.


 for 1 second MasterCode is activated.


 MasterReset O.K.

Failures

 Every 3 seconds (1 minute blocked) Wrong code used 3 times – 1 minute blocked

 and  alternately Battery alarm, locking and unlocking not assured

 Handling mistake
Wrong code

 for 3 seconds Internal lock failure

Activation Codes

TestCode 0

ActivationCode for UserCode1 8 2 1

Free locker choice

Activation Code for UserCode2 8 2 2

Fixed locker

ActivationCode for MasterCode1 6 2 1

DeactivationCode for MasterCode1/2 0

FactoryCode for MasterCode 1 7 6 7 6 1

FactoryCode for MasterCode2 7 6 7 6 2

ActivationCode for MasterReset 1 3 0

Codes

Codes for the operator

MasterCode1

Only unlocking, no locking possible. Locker is blocked, lock but be activated with **MasterCode2**.

MasterCode2

Locking/Unlocking possible at **any time**. For change from “fixed locker” to “free locker choice”.

MasterReset

For reset of the SAFE-O-PIN lock into **delivery status**.

Codes for the user

UserCode1

Code for “**free locker choice**”. Locker can be locked with any code.

UserCode2

Code for “**fixed locker**”. Only the pre-programmed code can be used for locking.

Maintenance

SAFE-O-PIN is maintenance-free. It must not be oiled!

To clean only use non-adhesive, residue-free cleanser.
No aggressive cleansers, no acid or base cleansers.

Technical data

Size (L x H x W):	4 5/16 x 4 15/16 x 3 7/16 in (see drawing 3.8600)
Weight:	approx. 0.882 lbs (incl. battery)
Protection:	IP 43
Temperature Range:	32°F to 140°F (function) -13°F to 140°F (storing)
Humidity:	10% to 90% (without condensation)
Battery life span:	3 years, with approx. 40 operations per day
Code:	Minimum 4, maximum 10 digits
Door thickness:	Minimum 3/8 in, maximum 13/16 in
Signals:	1 x LED red and 1 x LED green

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