

Note:

On the cover sheet you can find warning information, and an explanation of the symbols and terms used, together with the exclusion of liability.

Mount the keypad before installing the electronic lock. All the keypads of the Primor series can be used. For information on how to install the keypads, please refer to "Part 2a- Primor keypad installer manual".

Contents

General	2
Preparation for installation	3
Installation dimensions - lock P3000/3010/3011	3
Installation dimensions Primor 3010 - short connection with emergency lock	3
Installation dimensions Primor 3011 - long connection with emergency lock	4
Use with emergency lock.....	4
Preparation of the boltwork / door	5
Installation.....	5
Wiring / installation	6
Connecting the Primor Signal plus.....	6
Function test.....	7
Input of the opening code	7
Keypad test	7

General

P30xx series locks have standard installation dimensions and can be installed in all 4 installation positions (right, left, top, bottom). They are designed for "scissor-bolt" movements, i.e. for force absorption by the bolt flanks.

They are intended to be installed in safes made of metal.

Depending on the version, additional locking elements (e.g. angle rail with bolts) can optionally be attached to the bolt using the existing holes. Proper functioning of the lock and its connection must be ensured.

The electronic lock requires no maintenance in a normal residential or office environment. We recommend a

security and function test of the electronic lock after around 10,000 closings.

For security reasons it is not permissible to install the electronic lock in the area of the openings in the safe door.

It is essential that the lock is protected against attacks from outside. It is recommended to protect the security-relevant parts of the high-security lock against access even when the safe door is open.

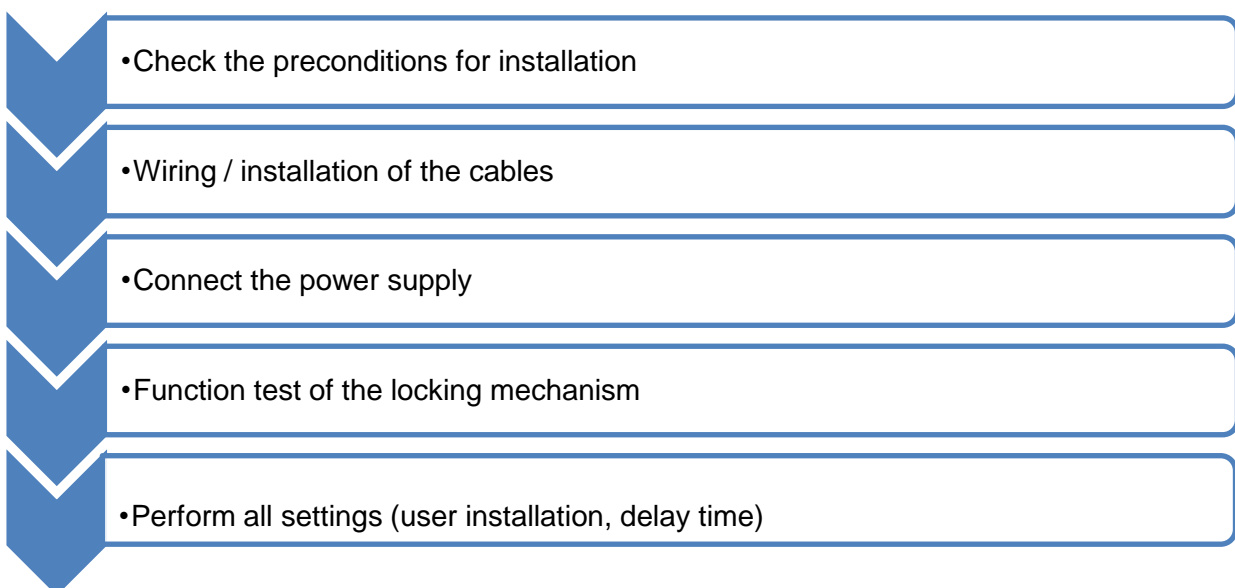
It is not permissible to use two locks of the same type with analogue keypads without any additional components for lock status detection.

Do not apply any lubricants or other substances to the lock.

Ensure that the load limits are not exceeded at any time.

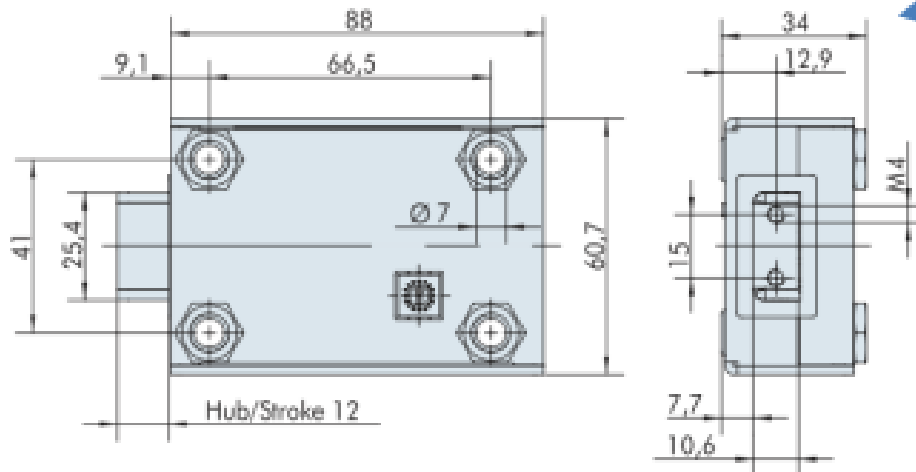
You can find the corresponding values in Annex C "Technical data".

Always follow the following sequence for installation:



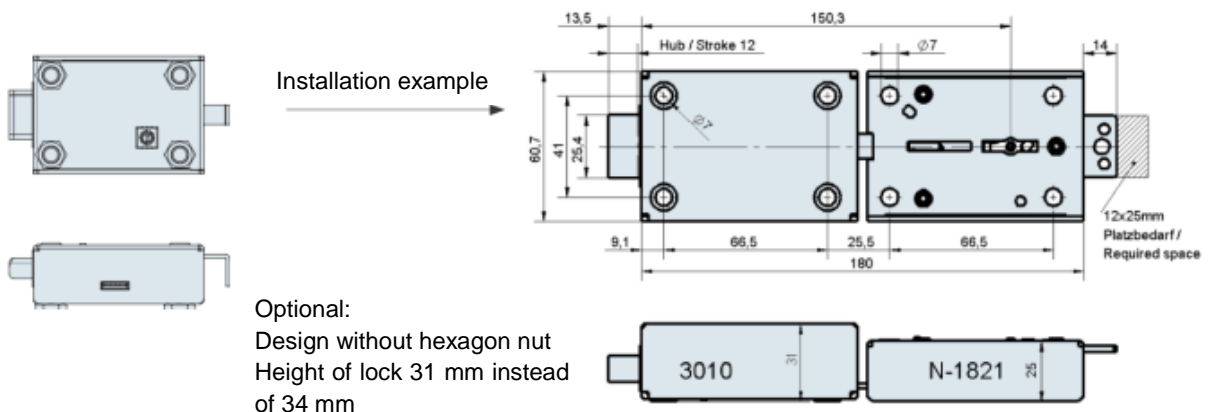
Preparation for installation

Installation dimensions - lock P3000/3010/3011



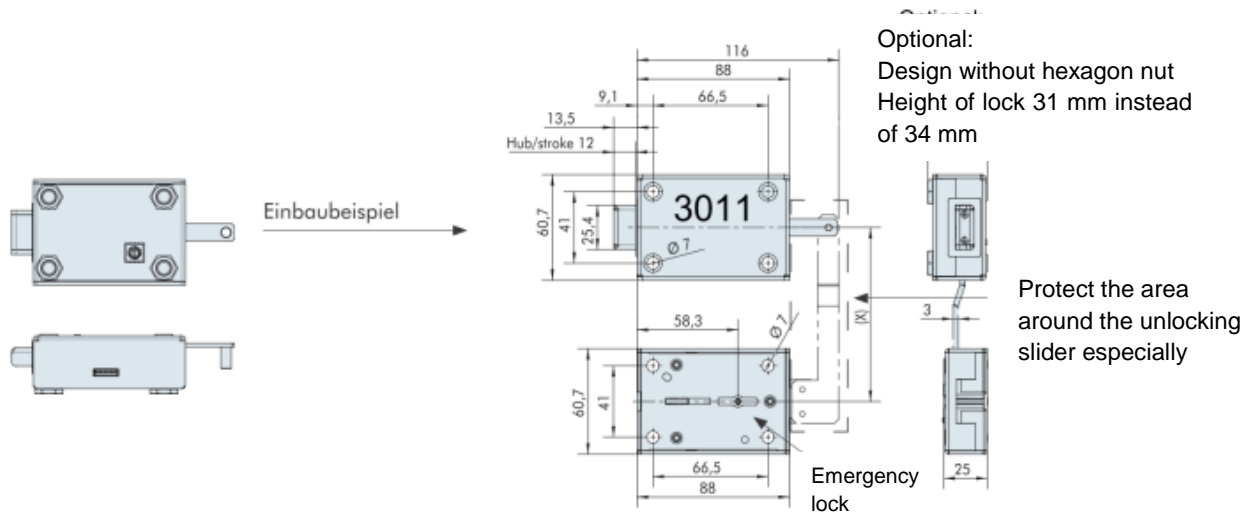
Optional:
Design without
hexagon nut
Lock height: 31
mm instead of 34

Installation dimensions P3010 - short connection with emergency lock



Optional:
Design without hexagon nut
Height of lock 31 mm instead
of 34 mm

Installation dimensions P3011 - long connection with emergency lock



Use with emergency lock

Only emergency locks of VdS class 2 may be installed.

If Primor 3010/3011 electronic locks are installed without emergency locks, this installation solution must be clarified with the relevant testing institute.

To ensure the safe functioning of the emergency opening, the emergency locks used should have a stroke of 12 mm.

The emergency locks must be protected against external attacks.

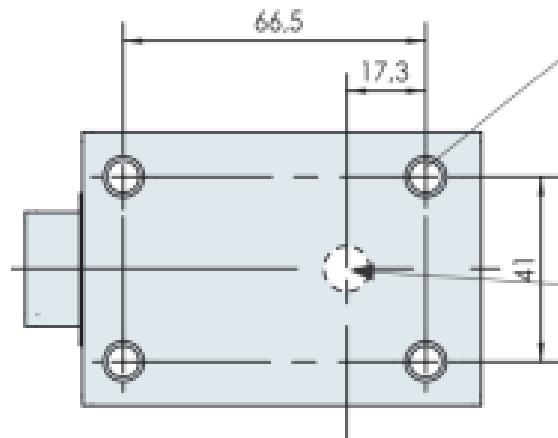
For safety reasons, it is pointed out that the key must never be left unattended in the lock. The keys must be kept in a safe place and accessible only to authorised persons. Replace the lock immediately if the key is lost. After each closing, check that the safe is closed.

Preparation of the boltwork / door

To install the lock, four (eight for emergency lock combinations) threaded holes must be provided to fasten the lock to the boltwork or inside the safe door. The electronic lock is to be attached with the supplied M6 or

1/4" screws or cylinder screws (minimum strength class 8.8). The screw length should be measured so that a minimum screw-in depth of 5 mm is possible.

Drilling pattern:



Installation

The retaining screws must be tightened in such a way that a permanent and firm hold is ensured.

Tighten the fastening screws with a maximum torque of 3.5 - 5 Nm. To prevent the screws from becoming loose, we recommend using screw locking agents (adhesive).

There must be no tension or pressure on the lock bolt after installation.

Make sure there is sufficient clearance to the locking point.

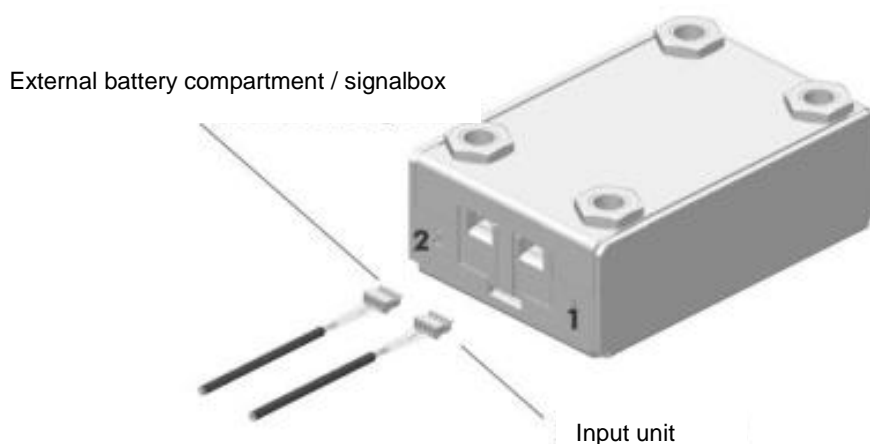
Wiring / installation

The Primor 30xx locks can be externally powered with Primor Signal plus.

Emergency power supply (optional): Insert the 1 x 9V alkaline block battery.

When supplied by a power supply unit, the charge status of the inserted battery is not monitored.

Disconnect the power supply, including that from batteries, before starting any work or making any changes to the wiring between the lock, keypad or signal boxes.



Connecting the Primor Signal plus

It is always connected with the second port (see above) if

- the lock system has an external power supply,
- a "silent alarm" contact is used to evaluate a hazard notification system,
- a system disable function is to be used by an external signal (potential-free contact).

This requires the connection of additional hardware.

The lock is compatible with all the available components of the Primor series.

You can find information on the wiring in the instructions for the signal box.

Function test

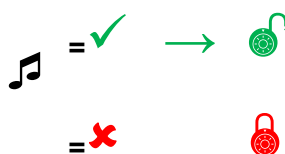
Carry out a function test after completing all the mounting and installation work. With the door open, you should open and close the lock several times using the master code that had been set at the factory.

The relationship between easy opening and reliable closing can be set via the operating lever of the boltwork.

The locking check can be done via the operating lever of the boltwork and should be performed after each closing and locking.

Input of the opening code

e.g. master factory code



The opening code can be entered directly as described above, without selection. The bolt is retracted for approx. 3 seconds after entering a valid code. Open the safe within this time after entering the code.

Keypad test

We recommend a final keypad test using function menu 5 to ensure that all the numeric keys function properly.

Checking the menu system

Press the keys in the sequence



Press each numeric key once. A functional key is indicated by a double signal tone. A key that is not recognised is indicated by a long signal tone and the function test is terminated. The system must be checked.