

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".

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General

P1000 series locks have standard installation dimensions and can be installed in all 4 installation positions (right, left, top, bottom). They are designed for boltworks with a one-sided locking edge, i.e. only for force absorption by the straight boltwork flank of the quarter-circle-shaped bolt.

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

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 closing actions.

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

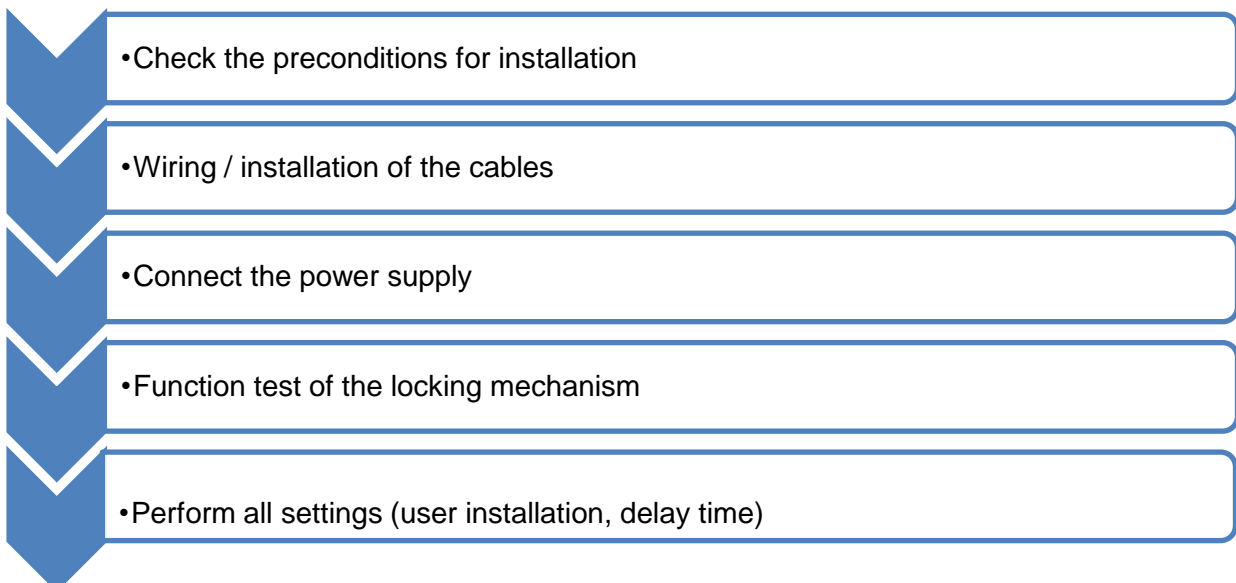
It is not permissible to use two locks of the same type with analogue keypads without any additional components for lock status detection.

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

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

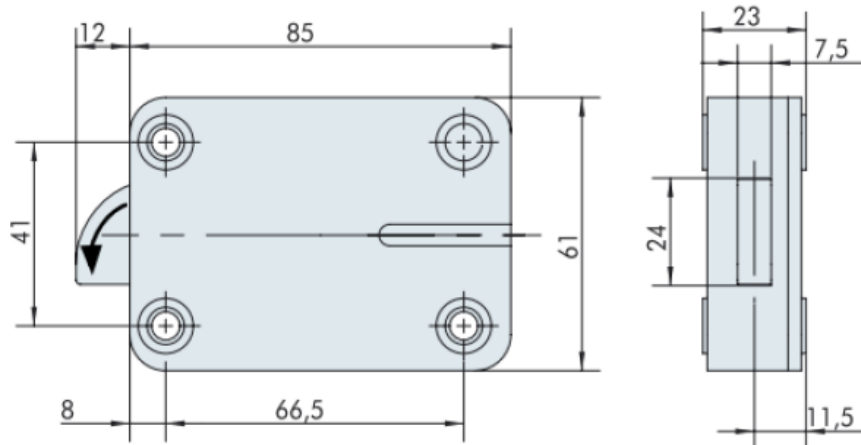
You can find the corresponding values in Annex C "Technical data".

Always follow the following sequence for installation:



Preparation for installation

Installation dimensions for lock 1000

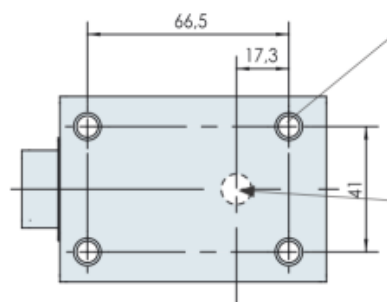


Preparation of the boltwork / door

To install the lock, there must be four threaded holes for fastening on the boltwork or inside the safe door. The electronic lock must be fastened with the supplied screws or M6 or 1/4" cylinder

screws (min. strength class 8.8). The screw length should be measured so that a minimum screw-in depth of 6 mm is possible.

Drilling pattern:



Primor 1000/1600/2000: this hole can be omitted

Primor 100 / 2000: Centre of electronic lock drive is flush with centre of input unit (Primor RO)/centre of keypad lever (Primor RE)

The electronic lock can be installed in the area of openings with a maximum diameter of 11 mm around the axis centre shown above.

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.

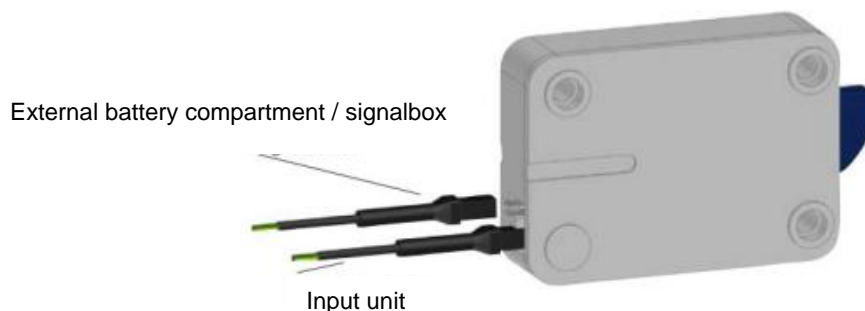
Wiring / installation

The Primor 1000 locks can be externally powered with Primor Signal plus.

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

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

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

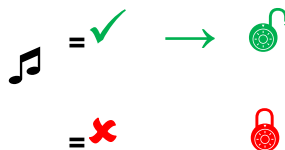
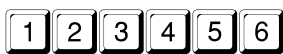
Carry out a function test after completing all the mounting and installation work. With the door open, you should open and close the lock several times using the master code that has been set at the factory.

The relationship between easy opening and reliable closing can be set using 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 released for approx. 3 seconds after a valid code has been entered. Open the container with the valuables within this time after inputting the code.

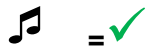
Keypad test

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.