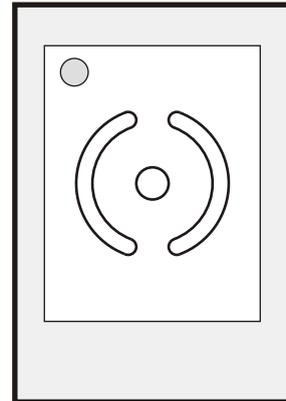# Easy Lock

PROXIMITY LOCK RFID 125 KHZ
FORMAT : UNIQUE - SOKIMAT Q5 - ATMEL T5557

Mod. DRF13AG/B/A
Bolt Lenght - 13 mm

Mod. DRF18AG/B/A
Bolt Lenght - 18 mm

READ THE INSTRUCTIONS CAREFULLY BEFORE USE AND KEEP THEM FOR FUTURE REFERENCE

Led

Sensor

NO
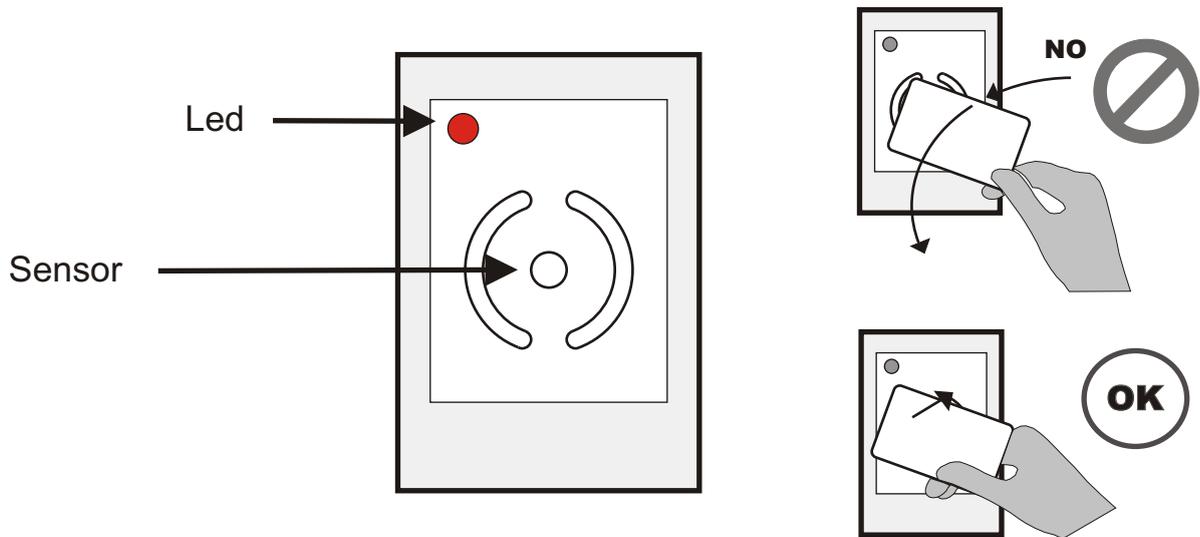
OK

SHARED USE :

The lock closes with any compatible TAG (Card or Wristband) and it will open only with the same TAG used to close

CLOSING

Lean the TAG (Card or Wristband) to the centre of the sensor.

The LED will shortly flash 1 time every 2 seconds to indicate that the lock is closed

OPENING

Lean the TAG (Card or Wristband) used to close to the centre of the sensor.

When the lock is open the LED stays OFF.

OPENING WITH PASSEPARTOUT CARD

Lean the PASSEPARTOUT Card to the centre of the sensor

1   PERSONAL USE

It is possible program the lock so that it works with a specific personal TAG
(Card or Wristband).

With the lock "open" lean the special READ FIXED card to the center of the sensor and
remove the card only when the the LED turns "ON".

Within 5 seconds (before the LED turns "OFF") lean the personal compatible TAG
(Card or Wristband) and remove the card only when the LED stays "ON" after has issued
short flashes.

After this procedure the lock will work only with the personal TAG (Card or Bracelet)
programmed.

Note : with the personal use mode when the lock is closed the led does not flashes

To return in the mode Shared Use :

With the lock "open" lean the special FIXED ERASED card to the centre of the sensor and
remove the card when the LED turns "ON".

After this procedure the lock closes with any compatible TAG (Card or Wristband) and
it will open only with the same TAG used to close

TIMER SETTING

By inserting the timer, the lock will open after an established time everytime it is closed.

To set the timer please follow the instruction below :

With the lock "open" lean the special TIMER with the value of the hours that you wish
to program to the center of the sensor and remove the card when the LED turns "ON".

When the lock is closed the LED will shortly flash 2 time every 2 seconds to indicate that
the lock is closed with the Timer "ON".

For disconnecting the Timer proceed as above and use the TIMER card with value "0".

FEW INSTRUCTIONS AND SOME SUGGESTIONS TO KEEP EFFICIENT THE LOCKS

CLEANING

Clean the lock exclusively with a dump cloth.
Avoid soap, solvents, alcohol etc.
AVOID TO MAKE ENTER THE WATER IN THE LOCK

⚠ *If the water gets inside the lock in addition to discharge the batteries can permanently damage the lock*

BATTERIES (see page 5)

When the batteries have not enough power to close the lock the led red turn ON and stays ON until the complete discharge of the batteries. (approximately 10 days)

Replace them only with **ALKALINE** batteries (AAA) observing the right polarities.
Do not use rechargable batteries

⚠ *When you noted that the led is ON replace as soon as possible the batteries.*
If the discharged batteries remain in the lock they could release some acid substances which damage the contacts

PASSEPARTOUT CARD

When you have the need to change the passepartout card verify that the new passepartout card works correctly after the changing

⚠ *To avoid confusion is advisable to program the same PASSEPARTOUT card for all the locks installed.*

OBSTACLE   (see page 6)

If during the closing (or the opening) the led flashes quickly and continuously without stays "ON" this means that the bolt has met an obstacle and it unable to close (or open).
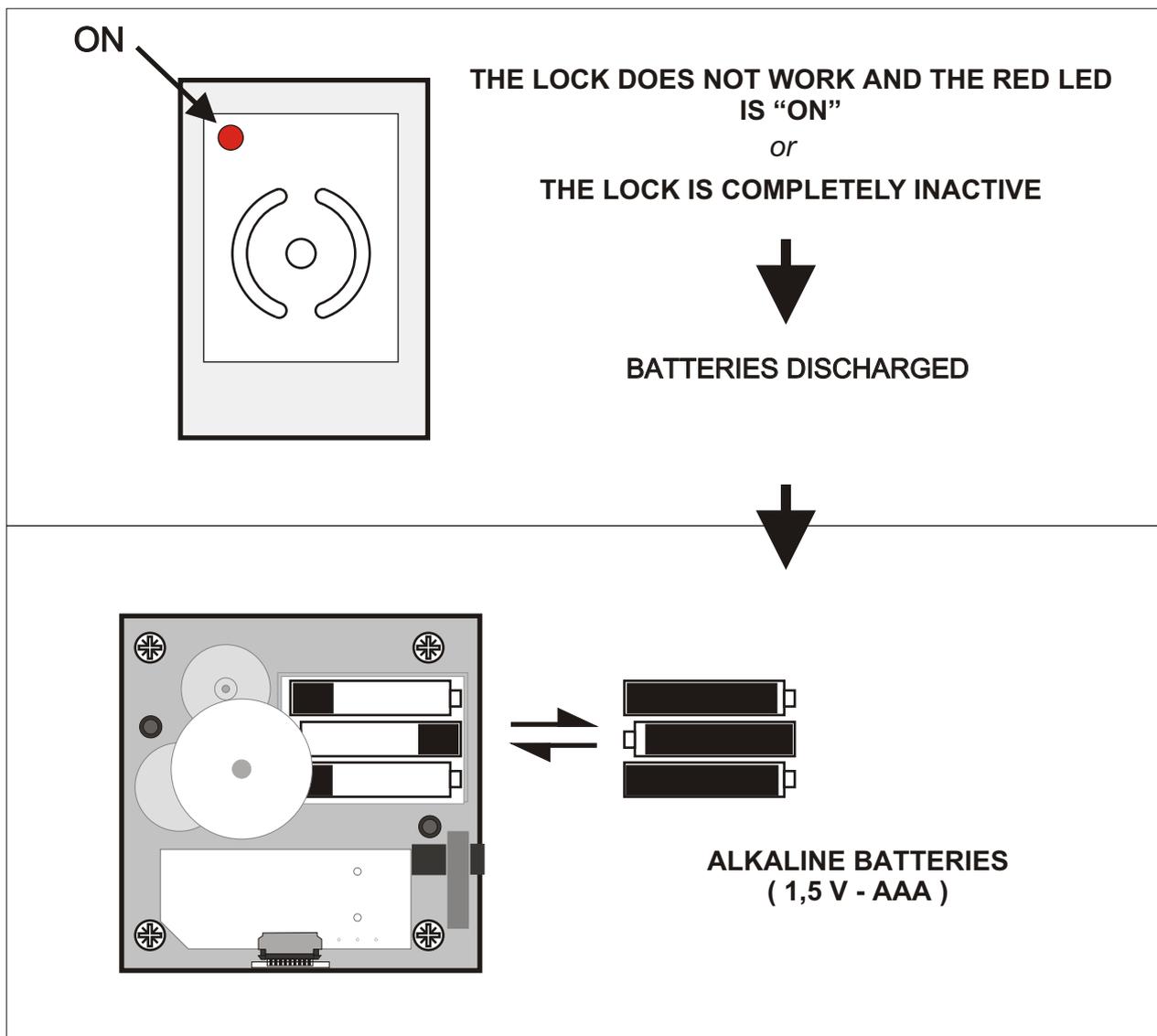
⚠ *In this case remove the obstacle or verify that the door is well-aligned and adjust, if it necessary, the hinges of the door or the stop-bolt*

ATTENTION
PLEASE NOTE THAT THE NON-OBSERVANCE OF THE RULES IN THIS GUIDE FOR A CORRECT MAINTENANCE WILL AUTOMATICALLY VOID EVERY KIND OF WARRANTY OF THE PRODUCT.
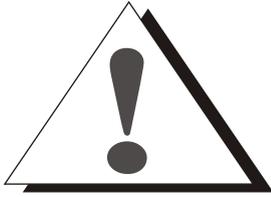
REPLACING THE BATTERIES

ON

THE LOCK DOES NOT WORK AND THE RED LED IS "ON"

or

THE LOCK IS COMPLETELY INACTIVE

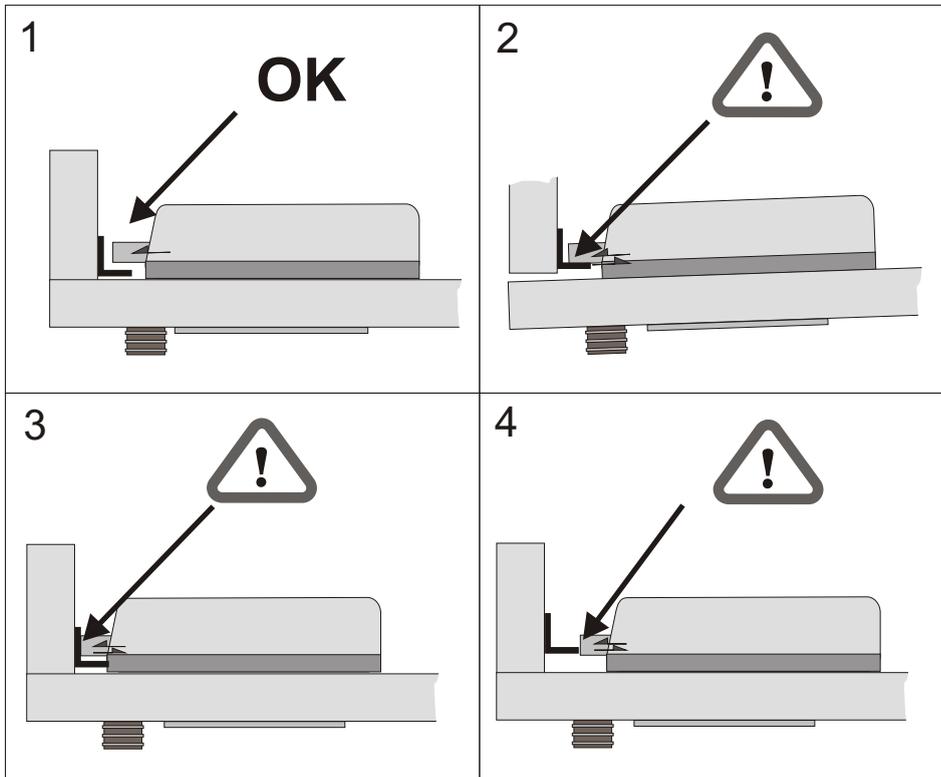BATTERIES DISCHARGED

ALKALINE BATTERIES
(1,5 V - AAA)

USE ONLY **ALKALINE** BATTERIES

DO NOT USE RECHARGEABLE BATTERIES

IT IS RECOMMENDED TO REPLACE THE BATTERIES WITHIN 2 YEARS FROM THEIR INSTALLATION

PAY ATTENTION

⚠ IF DURING THE CLOSING PHASE THE BOLT HITS AGAINST THE STOP-BOLT AND IT DOES NOT CLOSE (SEE FIGURE 3 AND 4) AFTER 3 SECONDS THE BOLT COME BACK IN THE POSITION "OPEN"..
**THE REPETITION OF THE PROBLEM COULD DAMAGE THE INTERNAL MECHANISM**..

⚠ IF THE LOCK CLOSES BUT THE BOLT FORCES HORIZONTALLY AGAINST THE STOP-BOLT (SEE FIGURE 2) THE CONSUMPTION OF BATTERIES DRASTICALLY INCREASES.

TO PREVENT SUCH DISAVANTAGES IT IS ADVISABLE TO KEEP A SECURITY AREA BETWEEN THE BOLT AND THE STOP-BOLT SO THAT THE FUNCTIONING IS PERFECT EVEN WHEN IT HAPPENS A FOULTY ALIGNEMENT OF THE DOOR.
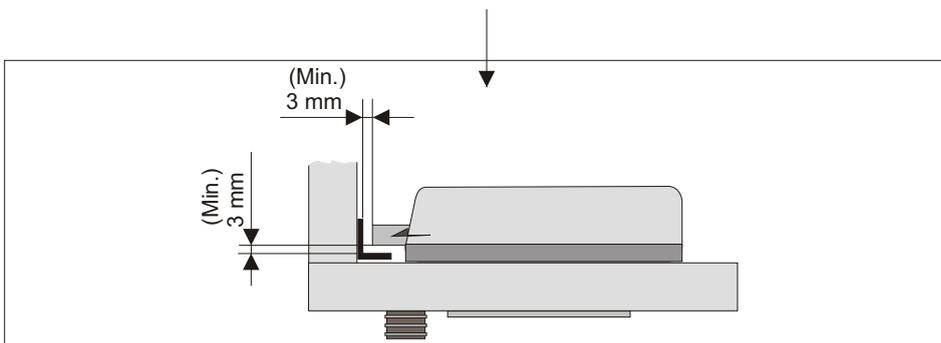
# USE OF EXTERNAL POWER SUPPLY (PFAESEL02)

EMERGENCY OPEN

DOOR

COVER

SENSOR
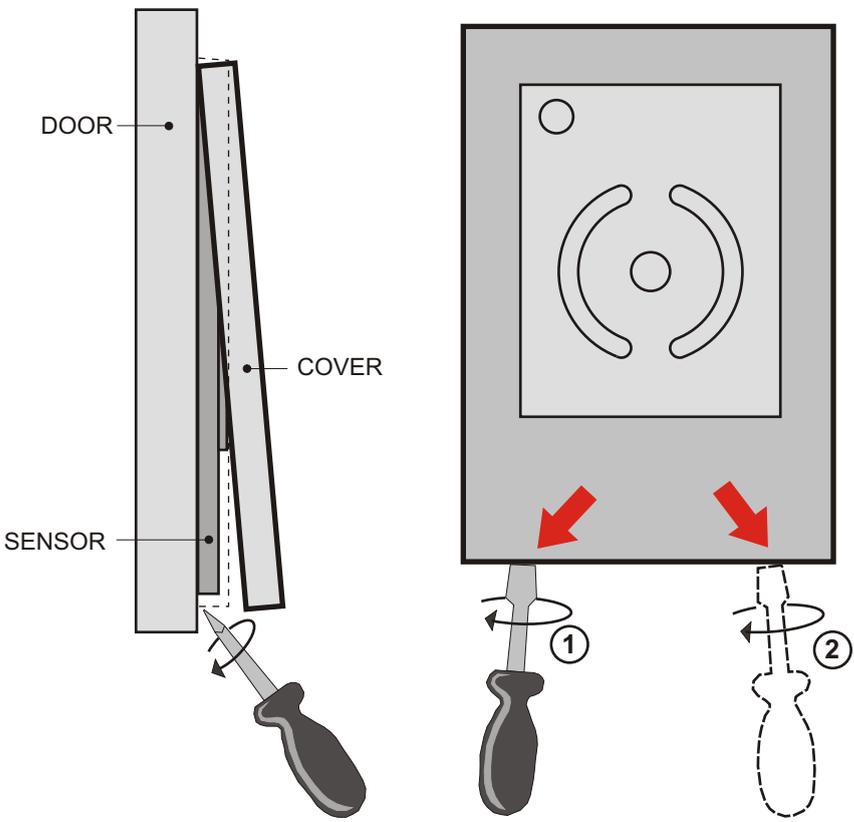
1

Unhook the cover with the help of a screwdriver by acting in the point shown in the picture
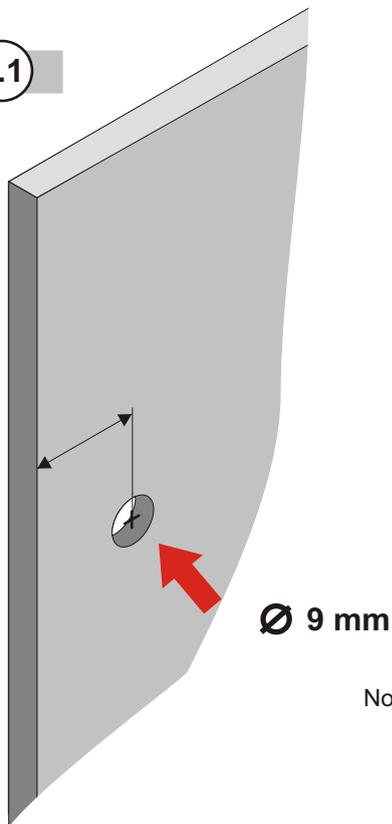
① ②

2

With the external power supply commutator on " **ON** " position connect the two metal point in the proper holes paying attention to the polarity.
For opening the lock keep the connected metal points, and lean to the centre of the sensor the PASSEPARTOUT card.

− +

ON

OFF   ON
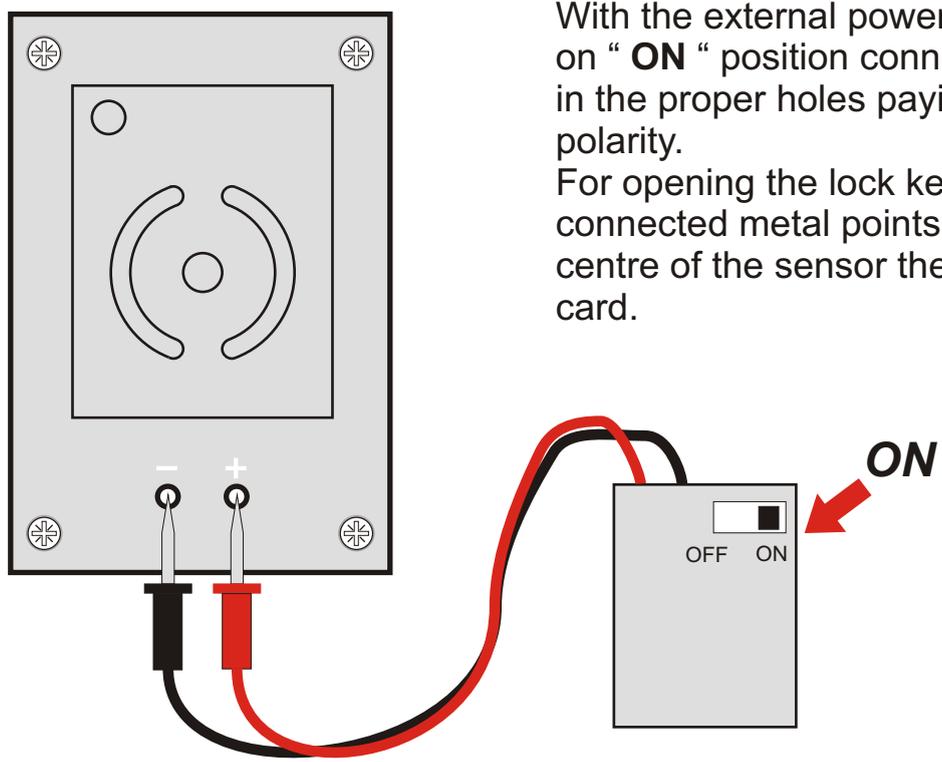
**1**

Pic. 1.1

On the door make a 9 mm diameter hole.

To determine the horizontal position of the hole refer to the fixing quotas as reported at page **14** fig. **10.1** and **10.2**.
(see note 1)

Ø **9 mm**

Nota 1 : Since the connection between keyboard and the lock is made with flexible cable, the hole can be done, if necessary, in a different position.
What is important is that the hole is inside the area of the lock-body in order to have the possibility to place the wires under the lock-body itself without coming-out.
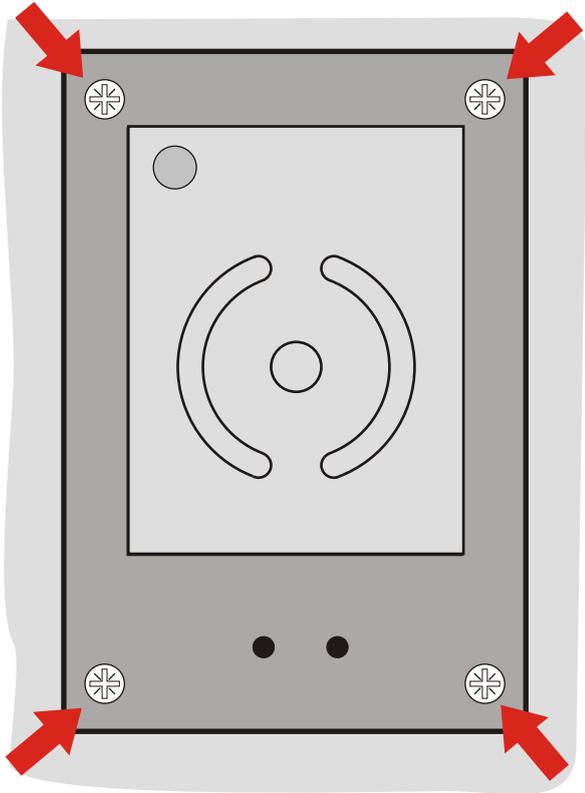
2

DOOR

SENSOR

Fig. 2.1
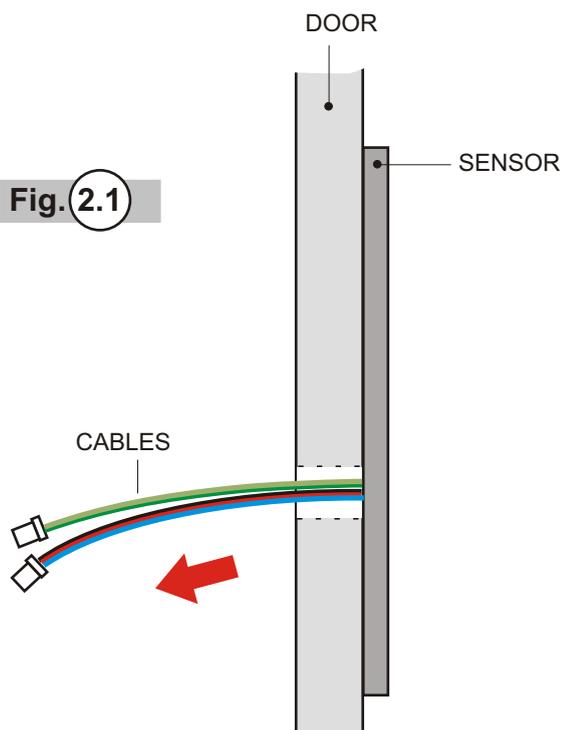
CABLES

Pass the cables of the sensor across the hole made on the door

3

Fig.(3.1)

Fix the sensor to the door with the help of n.4 cylindric head screws diameter 3 mm - lenght 12 mm. DIN 7505-B
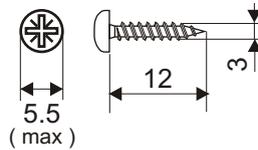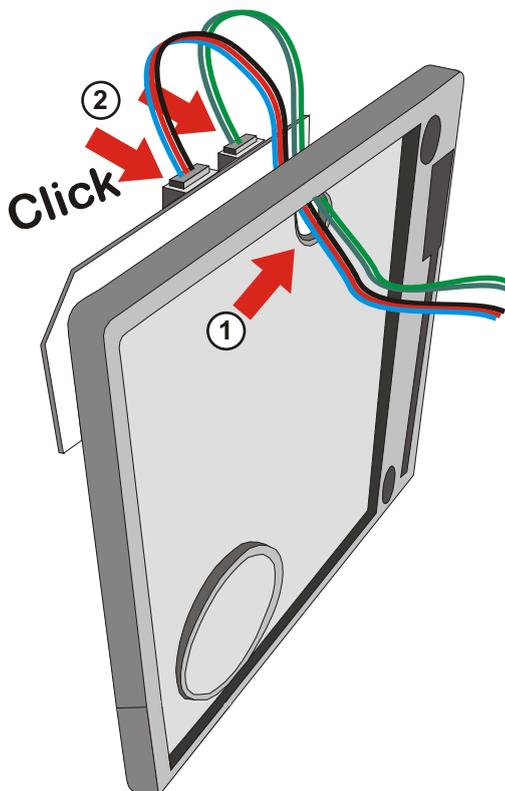
5.5
(max)

12

3

Fig.(3.2)

4

Fig.(4.1)

②

Click

①

After having removed the cover of the lock pass the cables across the proper hole placed on the back of the lock and insert it in the connector as shown in the picture
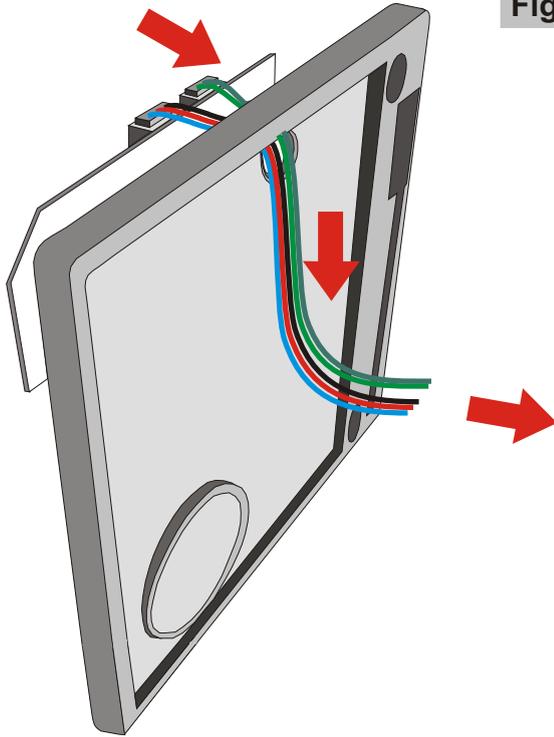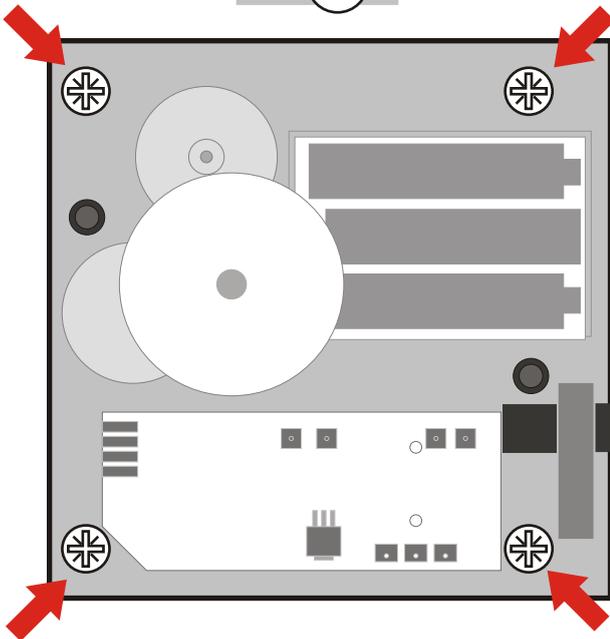
5

Fig. 5.1

Bend the cables as shown in picture in order to position the wires between the lock and the door

6

Pic. 6.1

Fix the lock to the door with the help of n. 4 cylindric head screws, diameter 4 mm making sure that the bolt correctly works both in closing and opening phase, according to the specification reported at page 14 fig. 10.1 and 10.2.
Please refer to the table below for the lenght of the screws

DOOR THICKNESS (mm)	SCREW LENGHT (L) (mm)
Uqual or major of 17	20
16	18
15	18
14	16
13	16
12	14

8 (max)

L

4

7
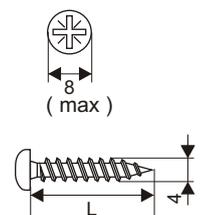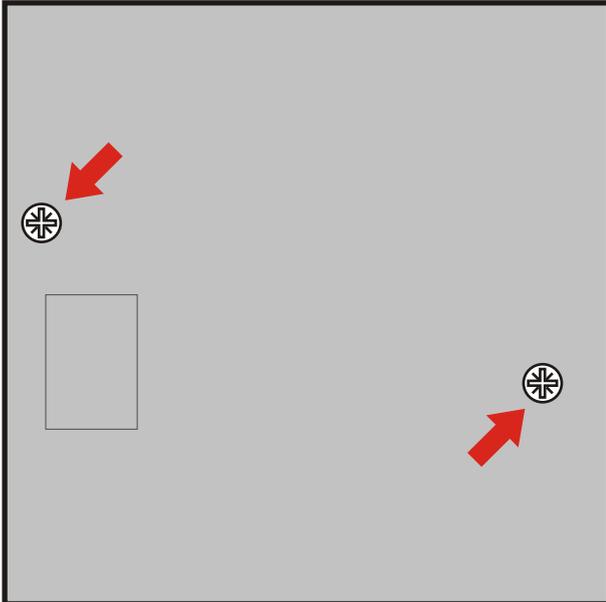
Close the lock with the cover with the help of the proper fixing screws.

8

Pic. (8.1)

DOOR
①

LOCK
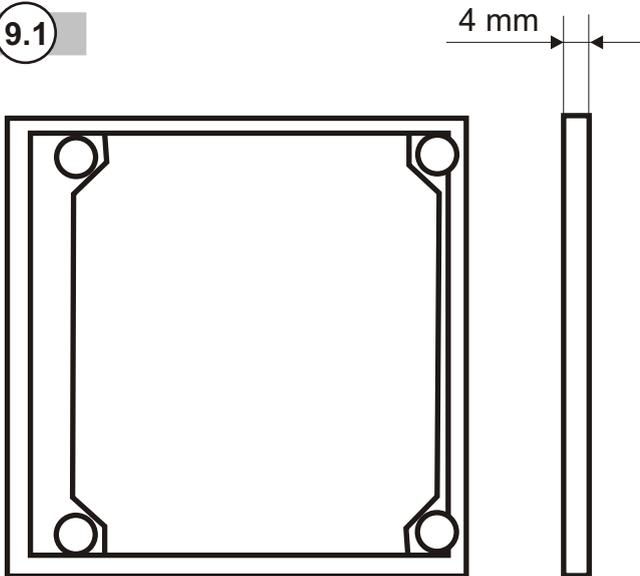
SENSOR

COVER

②

③

Click
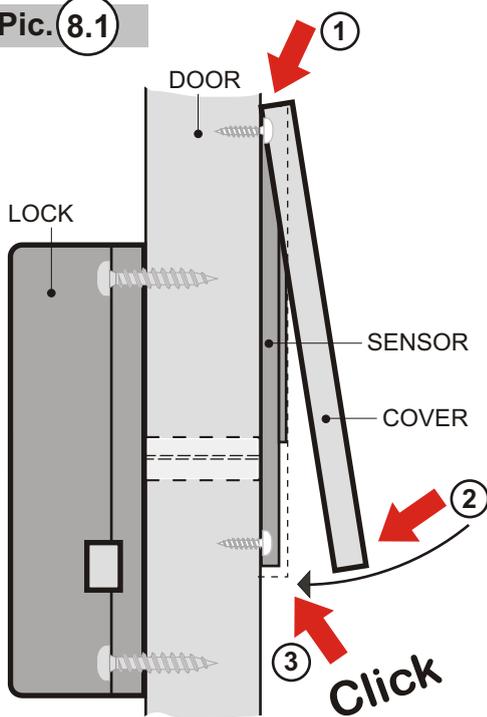
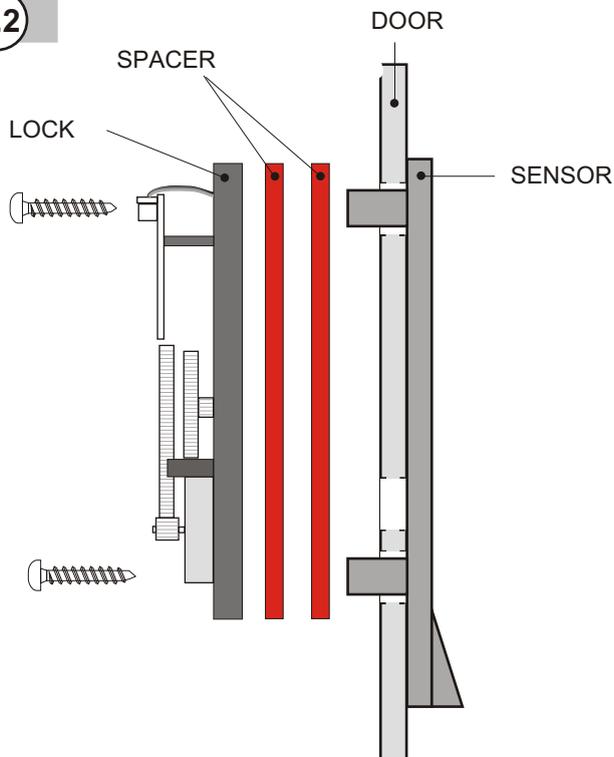Hook the cover to the sensor as shown in picture

9 USE OF SPACER (optional)

Pic. 9.1

4 mm

The spacer is an optional
accessory to be used when
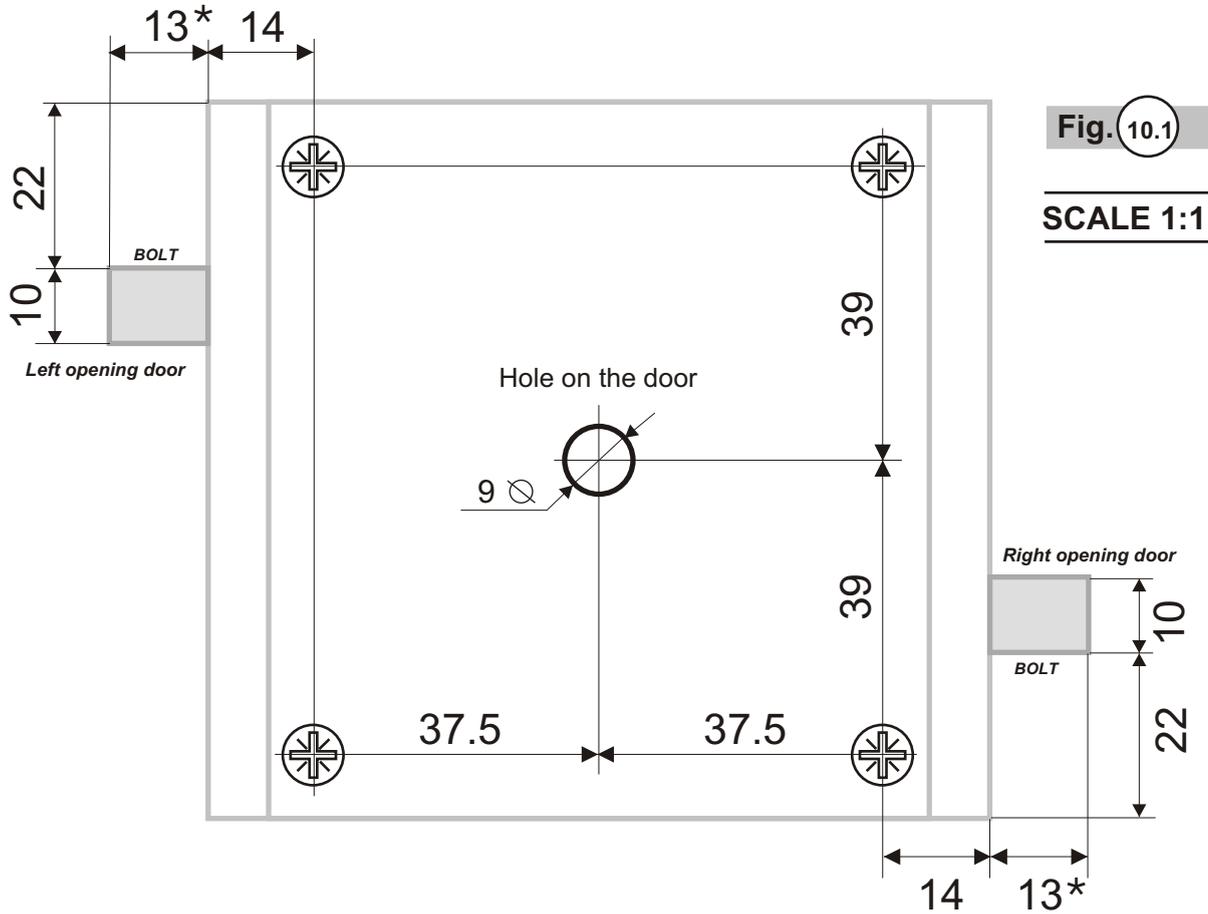you want to leave the body of the
lock from the door.

Pic. 9.2

SPACER

DOOR

LOCK

SENSOR

More spacers can be used
for the door with reduced
thickness.

10 QUOTE FOR LOCK FIXING

Pic. 10.1

* Model DRF18AG/B/A = 18 mm

13 *   14

22

10

BOLT

Left opening door

Fig. 10.1

SCALE 1:1

39

Hole on the door

9 ⌀

39

37.5   37.5

Right opening door

10

BOLT

22

14   13 *

Pic. 10.2

(Min.)
3 mm

(Min.)
2 mm
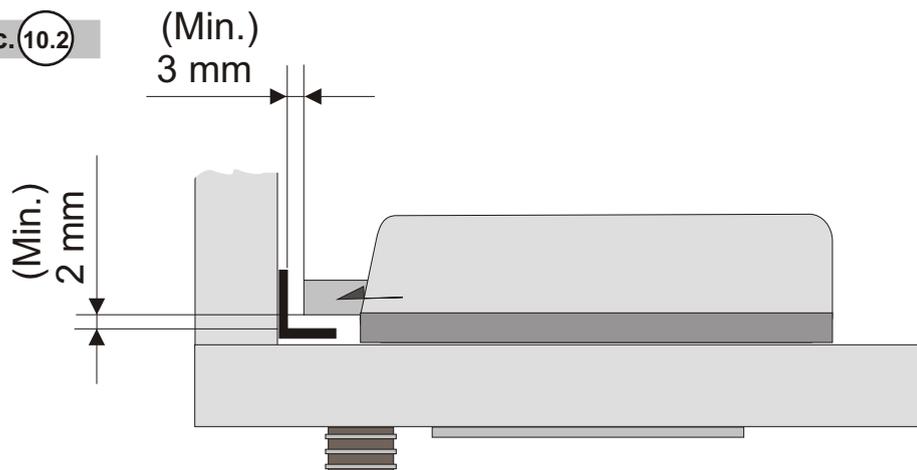
⚠️ *PLEASE NOTE THAT THE NON OBSERVANCE OF THE RULES ABOVE DESCRIBED FOR A CORRECT INSTALLATION WILL AUTOMATICALLY VOID EVERY KIND OF WARRANTY OF THE PRODUCT*

LOCK

95

8.5

26

n.4 holes
Ø 4

13*

10

22

78

95

14

75

6

8.5

7

5

* Model DRF18AG/B/A = 18 mm

SENSOR + COVER

68

5.2

99