



## MOUNTING INSTRUCTIONS PULSE – PULSE PRO

**T6430** - Pulse in ABS

**T6530** – Pulse in metal satin chrome

**T6630** – Pulse Pro in metal satin chrome

### OPTIONS

**/B** – black unit

**/G** – grey unit

**/GR** – with rubber keypad in grey

**/BR** – with rubber keypad in black

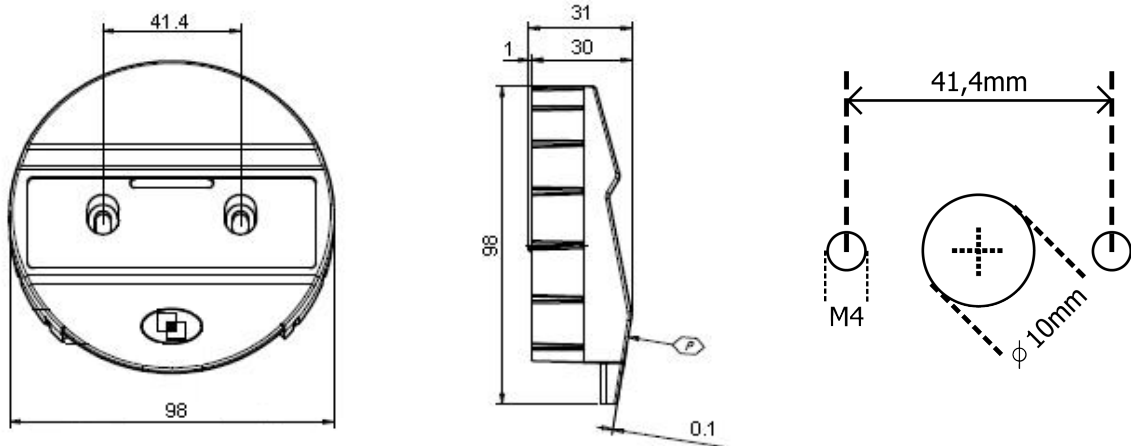
**/DL** – with Dallas reader

**/T3300** – rotation kit

## Mounting Instructions

### **DIMENSIONS**

The terminal for the electronic key (Dallas Key) is located in the front, over the keypad (only models with option /DL).



### **AS TURNABLE ENTRY UNIT ( only for models with T3300 rotation kit)**

The diameter of the cable hole should be 10 mm. The hole must be deburred well to avoid damage to the cable.



## Mounting Instructions

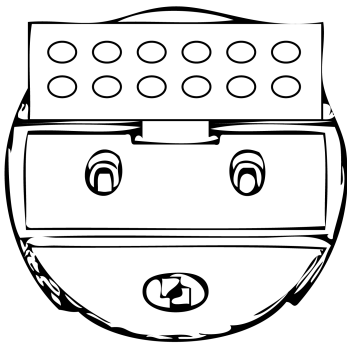
Cut the grooved shaft to the appropriate length: measure door thickness (from mounting surface of the entry unit to the mounting surface of the lock) and add **40 mm (1.6")**. Prepare the mounting and cable holes. Fix the screws (M4) / Imperial 8-32 UNC and the rotating back plate, placing it on the "UP" to permit the keypad rotation.

**The rotation kit consists of 2 bushings, 2 thread forming countersunk M4 / Imperial 8-32 UNC screws, 1 plastic pin and 1 spring.**

Fix the bushings to the keypad housing using the supplied screws, threading them directly to the case using a screwdriver, taking care to be positioned perpendicular to the turret. Insert the pin completely in the spring and then place it into the specific hole in the case.

Insert the grooved shaft, with the cutting edge first, all the way into the keypad housing.

Now push the cable into the groove until flat over the entire length of the shaft. Route the cable and shaft through the spindle hole of the door, hold the unit at an approximately 10:00 o'clock position, and slide it on the rotating back plate. Then turn unit clockwise into straight position at 12:00 o'clock until you hear a click, reaching the final position.

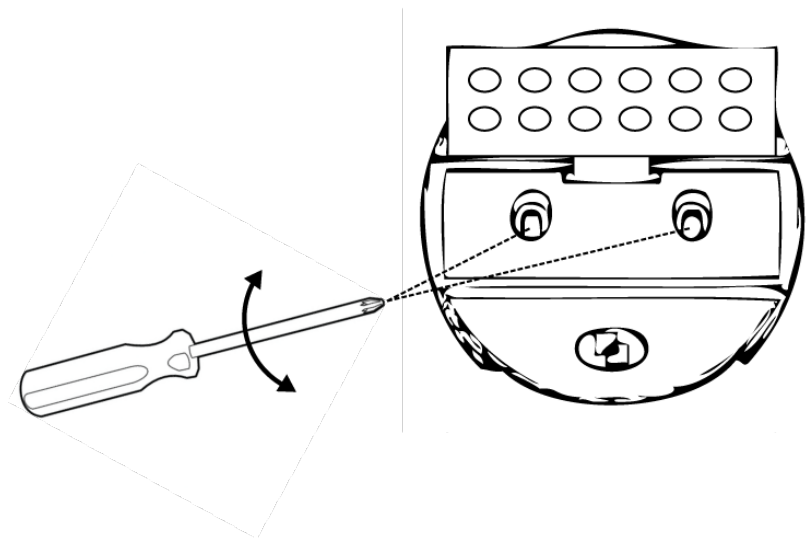
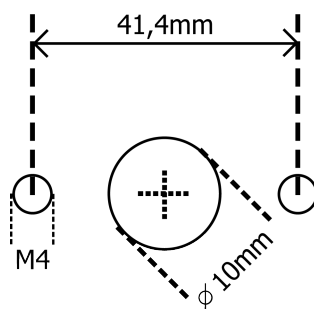


Remove adhesive film from pad and line up margins carefully, before fixing it.

Connect one (1) battery to the battery clip. Only use 9V-ALKALINE batteries from brand name manufacturers like DURACELL™.

### **STATIONARY MOUNTING (only for T6430, T6530 and T6630)**

The diameter of the cable hole should be 10 mm. The hole must be deburred well to avoid damage to the cable. Lift the pad so that you can see mounting holes. Let lock's connecting cable pass through the hole on safe's door. Insert and fix the two screws, paying attention to cables, they have not to be squashed by housing and let battery cables have easy access.

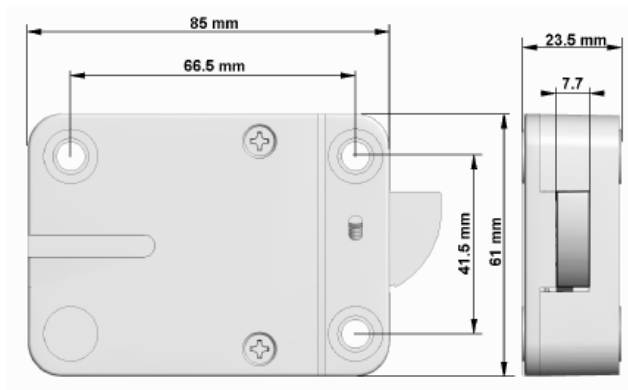


Remove adhesive film from pad and line up margins carefully, before fixing it.

Connect one (1) battery to the battery clip. Only use 9V-ALKALINE batteries from brand name manufacturers like DURACELL™.

## Mounting Instructions

### ROTOBOLT – DIMENSIONS:



### BOLTWORK REQUIREMENTS AND MOUNTING INSTRUCTION



In the **LOCKED** position, there should be approximately 1 mm clearance between the lock bolt and the cavity in the blocking bar of the boltwork. The lock bolt must move freely into the cavity.

Only use TECNOSICUREZZA supplied screws to mount the lock. Tighten the screws securely so the lock body is attached firmly to the mounting surface.

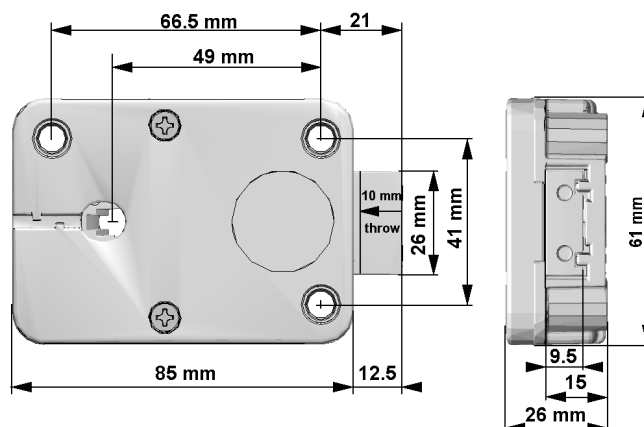
**Do not overtorque mounting screws (Torque approximately 3,5 Nm).**

- **Insert the connector of the entry unit in the outer position "ENT".** Check that the connector is completely seated (To remove the connector, lift it up and carefully pull it out).

Fix the cables away from moving parts.

**Note:** if it is provided a hole for a pin or a cable under the lock, the maximum diameter of 10mm is allowed.

### STRAIGHTBOLT – DIMENSIONS:



## **BOLTWORK REQUIREMENTS AND MOUNTING INSTRUCTION**

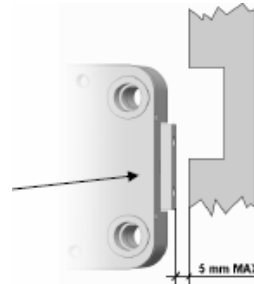
The bolt force applied must not exceed 1kN (contact the manufacturer if a force greater than that shown is applied).

Use only the screws provided, screwing it in order to firmly fixed the lock to the mounting surface.



In the LOCKED position, there should be approximately 1 mm clearance between the lock bolt and the cavity in the blocking bar of the boltwork. The lock bolt must move freely into the cavity.

In OPEN position, there should be minimum 3mm and maximum 5 mm clearance between the lock bolt and the blocking bar of the boltwork.

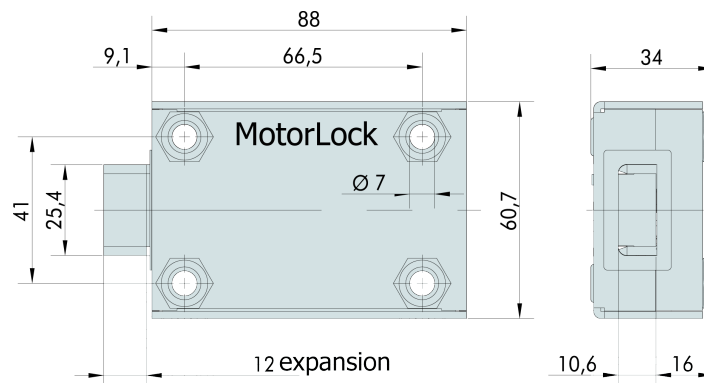


Any component that is fixed to the bolt, must be approved before use.

Mount the keyboard by following the installation instructions.

- The opening movement of the shaft must be inserted for a minimum of 5 mm and a maximum of 11 mm inside the lock. **ATTENTION: to prevent damage to the cable, do NOT insert the shaft until the lock lid, but leave some margin to allow the movement of the cable.**
- Make sure the cable is fully inserted and locked into the groove on the shaft of the movement.
- Remove any residue derived from shaft cutting, which could damage the cable.
- Plug the cable connector into the square hole in the base of the lock and it comes out the other side. Secure the cable in the proper groove on the lock cover (**not stretch**) and fix the same, using the appropriate mounting screws.
- **Insert the connector of the entry unit in the outer position "ENT"**. Check that the connector is completely seated (To remove the connector, lift it up and carefully pull it out).
- Insert ALKALINE 9V battery in the keyboard or in the battery holder. A series of beeps during opening indicates that the battery is low and needs to be replaced.

## **MOTORLOCK – DIMENSIONS:**

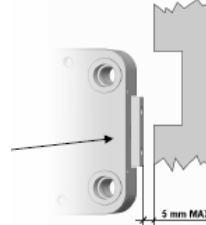


## **BOLTWORK REQUIREMENTS AND MOUNTING INSTRUCTION**



In the LOCKED position, there should be approximately 1 mm clearance between the lock bolt and the cavity in the blocking bar of the boltwork. The lock bolt must move freely into the cavity.

In OPEN position, there should be minimum 3mm and maximum 5 mm clearance between the lock bolt and the blocking bar of the boltwork.



**Connect the keyboard cable to the lock using the input 1** making sure it is fully inserted and secured. Any interfaces or port connected batteries will be at the entrance number 2.



## **ELECTRONICS FUNCTION TEST** (with door open)

Press and hold [5] until a double signal sounds and the light stays ON.

Enter the all keys in exactly this sequence:

**[1]-[2]-[3]-[4]-[5]-[6]-[7]-[8]-[9]-[0]**

Push buttons slowly so you recognize the signaling of the lock. A double signal indicates that the keypad and the lock communicate properly.

A long signal indicates that the electronics may be damaged. (In this case, contact technical support)

## **MECHANICAL TEST** (with door open)

Enter code (1,2,3,4,5,6). The lock emits a double signal for the correct code.

Turn Entry unit clockwise until stop. Lock bolt must move freely. Boltwork/door can be opened.

Riportare in chiusura i movimenti della cassaforte.

Move boltwork into Locked Position. Lock bolt must fully extend and secure.

The bolt must come out completely and ensure the closure.

Provided around the bolt there is space in all directions when the motion is brought in position CLOSED.

**Repeat several times function test before closing the safe door.**

## DICHIARAZIONE CE DI CONFORMITA' CE DECLARATION OF CONFORMITY

**Pulse: T65-xx**

Con la presente l'Azienda **Tecnosicurezza s.r.l.**, con sede in San Giovanni Lupatoto (Verona) Via Cesare Battisti 276, dichiara sotto la propria responsabilità, che il suddetto prodotto soddisfa per progettazione e costruzione i requisiti delle direttive di: compatibilità elettromagnetica **2014/30/EU** e RoHS 2 **2011/65/EU**. La conformità è stata verificata con l'ausilio delle seguenti norme armonizzate:

EN 61000-6-3, EN50130-4, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6,  
EN 61000-4-11, EN 61000-6-1, EN55022

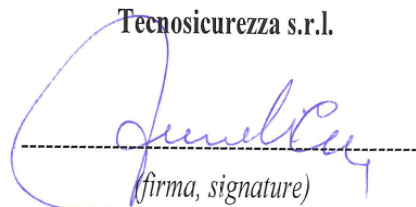
We the Company: **Tecnosicurezza s.r.l.**, located in San Giovanni Lupatoto (Verona) Via Cesare Battisti 276, declare herewith on our own responsibility that the above-mentioned product meets the requirements of the **2011/65/EU** RoHS 2, **2014/30/EU** Electromagnetic Compatibility for what concerns engineering and construction. Conformity has been controlled with the aid of the following harmonized standards:

EN 61000-6-3, EN50130-4, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6,  
EN 61000-4-11, EN 61000-6-1, EN55022

Verona - Italy, 12/11/2016

**Franco Miller**  
**Amministratore Unico**

Tecnosicurezza s.r.l.



(firma, signature)

Before operating the lock,  
please read this manual thoroughly,  
and retain it for future reference.

**Correct disposal of this product:  
(Waste Electrical & Electronic Equipment)**

Applicable in the European Union and other European countries  
with separate collection systems.

This marking displayed on the product or its literature indicates that  
it should not be disposed with other wastes at the end of its  
working life. To prevent possible harm to the environment or  
human health from uncontrolled waste disposal, please separate  
this from other types of wastes and recycle it responsibly to  
promote the sustainable reuse of material resources.

