



KEYA[®]

TRONIC **PRO.WP**



Keypad (Ref: 83004) with protection grade IP65 to be used in lock TRONIC PRO

Features:

- To be used in wet environments.
- Indicatory leds
 - Right code (green)
 - Wrong code (red)
 - Low battery (orange)
- MiniUSB connector allowing the following functions::
 - Batpack use to emergency opening.
 - Masterkeys use.
 - Managment keys use



Technical Specifications

Working temperature	-5° C ◇ +45° C
UV Rays	> 10000 h
Vibration	10 200 Hz 2g
Life test	> 100000 ciclos
Electrostatic discharge	8000 V
Cover material	ABS
Gaskets material	Silicona LSR
Keys naterial	Poliester V200 -FPC
Temperature test chamber	
Salt spray test	150 H min
IP grade	IP65



RoHS



REMARKS

To obtain a proper performance and keep the IP grade, must be accomplished the following conditions::

-Mini USB cap must always be properly inserted. The USB connector only must be uncovered when its use requires it. Once finished the operations involving the USB conector, make sure It has been properly covered.

-Screws fixing the keypad must be tightened at torque of 1.8-2 Nm. These screws must be tightened step by step following a cross pattern until reaching the torque of 1.8-2Nm in all of them.

-Door Surface roughness (where the keypad is to be assembled) must be lower than $Ra=1,26 \mu m$ / $Rz=4,7 \mu m$ (N6). Flatness in this Surface must be better than 0.2mm / 100mm.

Before attaching the keypad, make sure the Surface is perfect clean and free of flaws.

-Once the keypad has been attached it cant be used again or relocated.

-IP 65 protection grade is meant regarding the outside of the door or cabinet where the keypad is attached. Into the cabinet or in the rear of the door the protection grade is IP45.

