

# Operation Instruction

## M-513S Wired Touchless Capacitive Induction Switch



### 1 Safety Instruction

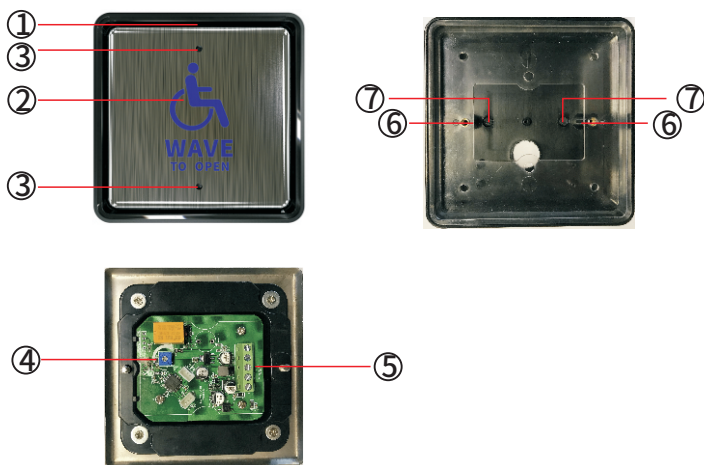
! Thanks for purchasing this product. In order to use this product correctly. Please read this manual carefully before use it

! NOTE: When power on, the blue light of the sensor flashes, means the sensor is learning the current environmental parameters, please don't touch it, wait until the learning is complete and then the red light is stay on.

### 2 Overall Characteristics

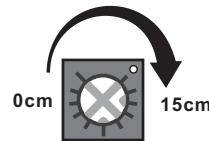
- Stainless steel metal large panel design.
- The imported capacitive sensor chip is used, and the surface metal panel is used as the sensor antenna. The button function is realized by detecting the charge change brought by the human palm and judging the human hand sensing actio
- Replace the traditional mechanical contact switch, non-contact sensing on the front of the hand, clean and hygienic.
- Advanced software algorithm, strong anti-interference ability.
- The sensing distance is adjustable from 0-15CM, and can be adjusted for different occasions.
- Dry contact relay output, easy to connect with various door control equipment

### 3 Overview of Product



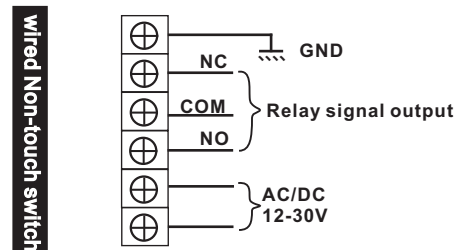
- ① LED indicator (When power on, blue light flashes in learning state, red light on in standby state, blue light on in action state.)
- ② Sensing surface
- ③ Panel disassembly screw hole
- ④ Induction distance adjustment knob
- ⑤ Connecting terminal
- ⑥ Top cover fixing screw column
- ⑦ Bottom cover fixing screw holes

### 4 Induction distance adjustment

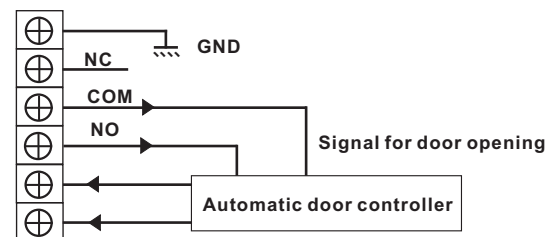


The clockwise direction the induction distance becomes farther, the counterclockwise direction the induction distance becomes closer.

### 5 I/O wiring definition



### 6 The wiring diagram



### 7 Parameters

Power supply:	AC/DC 12-30V
Static current:	12.5mA
Action current:	31mA (DC 12V power supply)
Relay connect capacity:	3A 30VDC
The sensing distance:	Adjustable from 0-15CM
External dimension:	129mm(L)X129mm(W)X46mm(H)