

# "Single Gang" (UK) Touch Sensors

..a wide range of Touch Sensors for a wide range door control applications ..



Designed, manufactured & supported in the UK & EU



## How Touch Sensors work

JWS Touch Sensors require no physical pressure to operate which make them ideal for users with physical disabilities.

The signage can incorporate a static or flashing Ultrabrite LED whilst also providing a suitable colour contrast. These features make it suitable for users with visual impairments.



Touch Sensors can be used as an environmentally friendly alternative to infrared sensors reducing false triggering whilst enhancing the door and operator life expectancy.

## OVERVIEW

The Single Gang Touch Sensor range has a multitude of applications and signage variants. They can be flush or surface mounted. Designed to fit in a standard UK electrical single gang housing they come complete with a 28mm surface mount box.

Both low cost 'TS' (without the LED) and high quality TSL (with Ultrabrite TM LED) are available. Manufactured since 1990 there are thousands in use in the UK and EU.



From left to right..

- TS12 - Touch To Exit
- TSLASS - Assisted Door
- TS12 - Door Release
- TSLREL - Door Release
- TS12 - Assisted Door

## OPERATION

**Standard Touch Sensors:** 'Touch' to 10mm  
( 'Long Range' version are available for Hospital and 'Clean room' applications.)

**Long Range Touch Sensors:** It is widely acknowledged that cleaning surfaces with a general purpose disinfectant helps combat the spread of MRSA and other resistant bacteria. It is also true however that this measure only lasts until the next point of contact with the item be it a switch, door or a handle.

In an attempt to counteract this JWS have designed the 'Long Range' Touch Sensor. With an effective operating range on up to 75mm it allows the user to activate a door or access control system without any contact whatsoever.

## APPLICATIONS

- Door entry & exit assistance / Access Control
- Operating an automatic door
- Hospitals / Operating Theatre doors
- Replacements for typical 'contact reliant' switches ( rocker switches / push pads etc.)

## Specification

### Material:

*Touch Sensors with LED*  
ABS Plastic Box with 5mm Acrylic front  
LED: Red Ultrabrite

*Touch Sensors without LED*  
ABS Plastic Box with ABS front

### Size: (mm)

85(h)x85(w)x35(d) inc surface back box

### Available Connections:

Relay NC,NO, C and LED + and 0v  
(LED not on TS versions)

### Operating Voltage:

12 to 24v DC  
Current: 10mA (qui) 40mA (active)  
Hardwire versions available only

### Operating Range / Sensitivity:

Standard Range: Touch to 10mm  
Long Range: Up to 75mm

*Signage can be customised to your specification & convey your message.*

