

## RJS-TLSW(S/D)-0/68

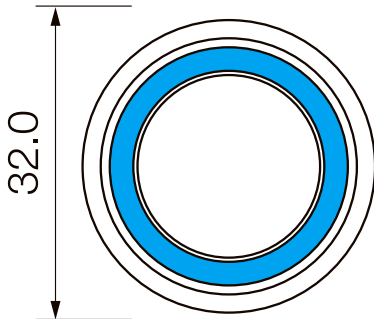
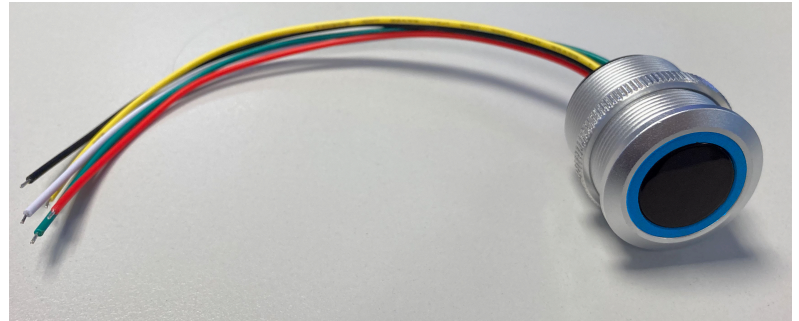
The RJS TLSW is a touch-less infrared proximity switch which sits inside a  $\varnothing 28\text{mm}$  natural anodised aluminium shell

Default sensing distance 0-100mm.

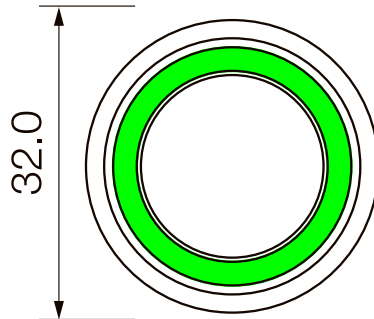
Standard IP40 / Available IP68

It runs on 8-24VDC drawing a minimal 30mA when in standby mode, and 50mA when active.

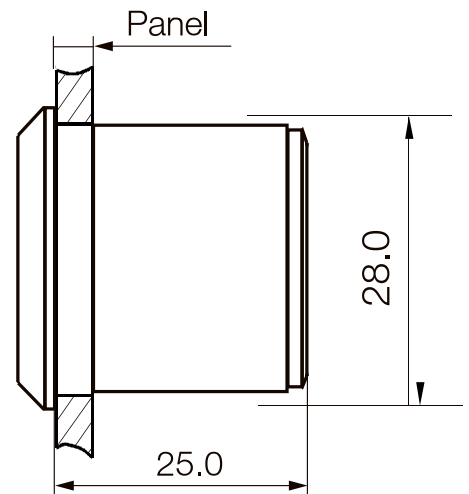
In it's active state the sensor powers a relay capable of switching up to DC12~24V 500mA



**standby**



**active**



## Specifications

<b>Sensor Type:</b>	<b>Infrared LED with LED Ring</b>
<b>Detection Range:</b>	<b>0-10cm (Adjustable type 3-15cm)</b>
<b>Required Power:</b>	<b>8-24V DC (works best at 12V DC)</b>
<b>Operating Current:</b>	<b>30mA standby / 50mA active</b>
<b>Switch Body Material:</b>	<b>Natural Anodised Aluminium</b>
<b>Relay Contact Material:</b>	<b>Silver</b>
<b>Relay Contact Ratings:</b>	<b>DC12~24V 500mA</b>
<b>Operating Temperature:</b>	<b>-20C ~ +55C</b>
<b>Operating Humidity:</b>	<b>0-95%</b>
<b>IP Rating (front):</b>	<b>IP40 standard (Indoor use), Available IP68 (Outdoor use)</b>
<b>(rear):</b>	<b>N/A</b>
<b>IK Rating (impact):</b>	<b>N/A</b>
<b>Minimum Operations:</b>	<b>500,000</b>

## Part Numbers (Standard LED colour)

Other colours are available, please get in touch, DEFAULT = WITHOUT TEXT

WITH "NO TOUCH" TEXT

	<b>IP40 (Indoor)</b>	<b>IP68 (Outdoor)</b>	<b>IP40 (Indoor)</b>	<b>IP68 (Outdoor)</b>
Momentary	RJS-TLSW-0	RJS-TLSW-68	RJS-TLSW-NOTOUCH	RJS-TLSW-68-NOTOUCH
Momentary "Sensitive Distance"	RJS-TLSWS-0	RJS-TLSWS-68	RJS-TLSWS-NOTOUCH	RJS-TLSWS-68-NOTOUCH
Adjustable Delay	RJS-TLSWD-0	RJS-TLSWD-68	RJS-TLSWD-NOTOUCH	RJS-TLSWD-68-NOTOUCH



RJS-TL1



RJS-TL3



RJS-TL4



RJS-TL5

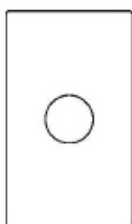


RJS-TL6

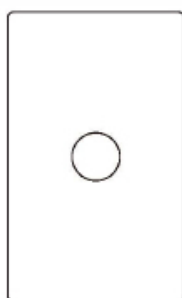
Unit: mm



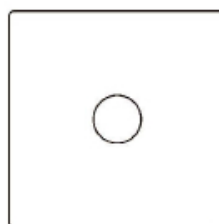
115\*40



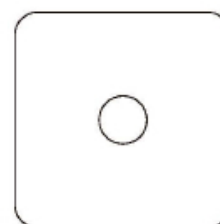
86\*50



115\*70



86\*86



85.5\*85.5

## Wiring

Standard wire length 150mm

Red: +VDC

Black: GND

Yellow: Common

White: NC

Green: NO



### **RJS-TLSWD-0/68 range (Adjustable time Delay)**

Turn potentiometer Clockwise fully for ~30 second delay

Turn potentiometer Anti-Clockwise fully for 0-1 second delay

### **RJS-TLSWS-0/68 range (Adjustable sensing distance)**

Potentiometer Clockwise fully for ~15cm sensing distance

Potentiometer Anti-Clockwise fully for ~0-3cm sensing distance