

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

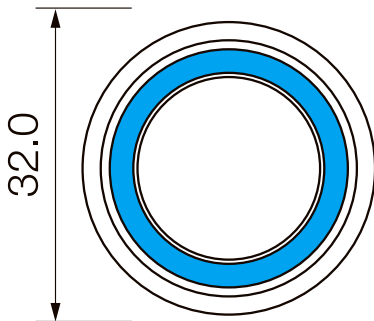
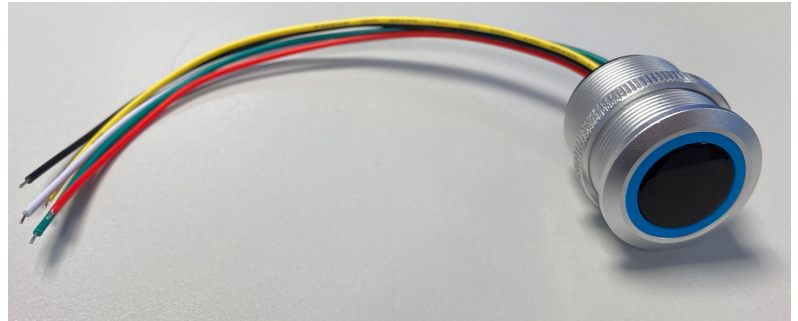
The RJS TLSW is a touch-less infrared proximity switch which sits inside a $\varnothing 28\text{mm}$ natural anodised aluminium shell

Default sensing distance 0-100mm.

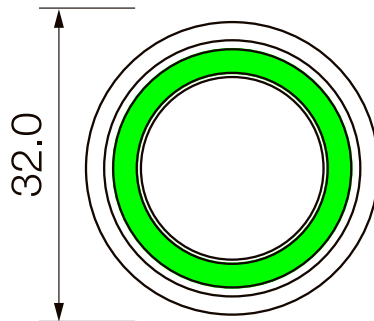
Standard IP40 / Available IP68

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

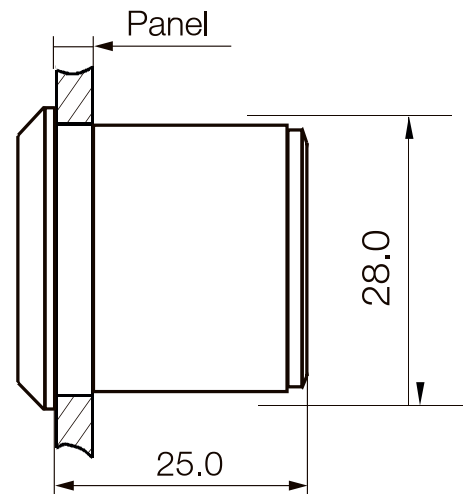
In it's active state the sensor powers a relay capable of switching up to 3A!



standby



active



Specifications

Sensor Type:	Infrared LED with LED Ring
Detection Range:	0-10cm (Adjustable type 3-15cm)
Required Power:	8-24V DC (works best at 12V DC)
Operating Current:	30mA standby / 50mA active
Switch Body Material:	Natural Anodised Aluminium
Relay Contact Material:	Silver
Relay Contact Ratings:	3A 250VAC / 3A 30VDC
Operating Temperature:	-20C ~ +55C
Operating Humidity:	0-95%
IP Rating (front):	IP40 standard (Indoor use), Available IP68 (Outdoor use)
(rear):	N/A
IK Rating (impact):	N/A
Minimum Operations:	500,000

Part Numbers (Standard LED colour)

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

WITH "NO TOUCH" TEXT

	IP40 (Indoor)	IP68 (Outdoor)	IP40 (Indoor)	IP68 (Outdoor)
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

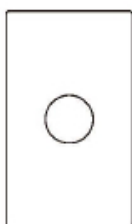


RJS-TL6

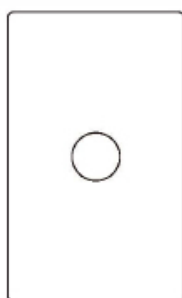
Unit: mm



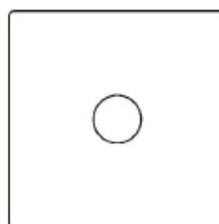
115*40



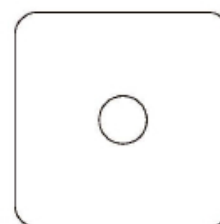
86*50



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