CS-130(G) series Sensor Switch

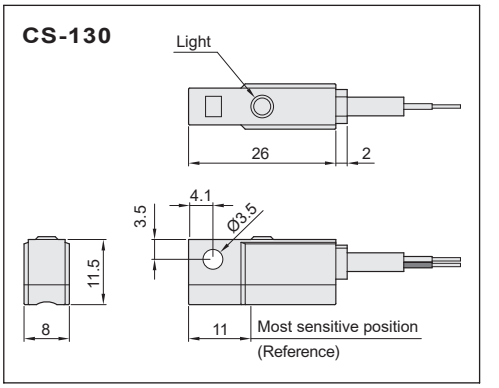
CHELIC



Reed sensor switch

Dimensions

Unit: mm

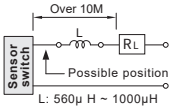


Specification

Item / Model	CS-130 – ☐	CS-130G
Wiring system	Two-wire	
Switching voltage V	5~120V DC/AC	5~30V DC
Switching current mA	100 MAX.	50 MAX.
Contact capacity W	10 MAX.	1.5 MAX.
Delay time	200 Hz	1000 Hz
Switching logic	Normally open	Solid state output, Normally open
Enclosure classification	IP-67	
Indicator	Red	
Cable	Ø3.3 Wire × 2M	
Voltage drop V	2.5 MAX.	3.7 MAX.
Sensitivity	General	High
Contact protective circuit	No	Yes
Ambient and fluid temperature °C	-10 ~ 70	
Weight g	50 ± 2	

Notice

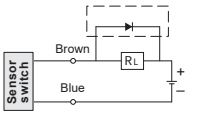
1. When wire length of sensor switch connection load is more than 10 meters, inductor shall be installed near to sensor side to avoid ripple.
2. Applied voltage and current shall not exceed the specified value.
3. When inductive load is connected it is advisable to install protection circuit.



Protect electric circuit

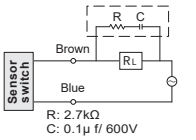
DC load:

Connection in parallel one diode at counter clock-wire direction of two sides of load.



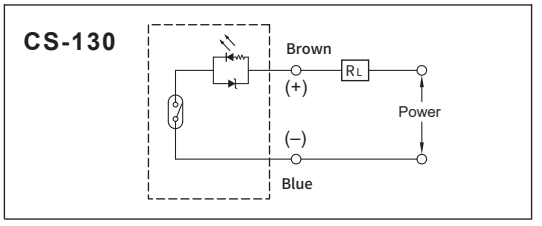
AC load:

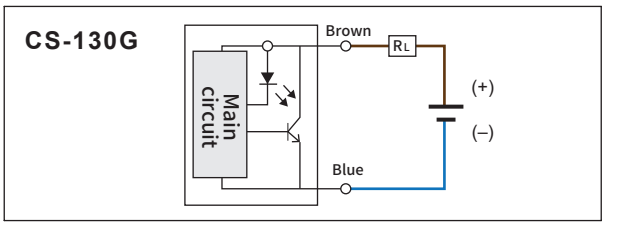
Connection in parallel one R. C electric circuit at two sides of load.



Sensor switch circuit and Connection diagram

Basic connection: Connect to relay or other resistor





Connect to the programmable controller

