

CS - 100(S) series - Sensor switch

CHELIC PNEUMATIC

Suitable for cylinder



Reed sensor switch

Model	Cylinder	Bore size
CS-100(S)	FDA	Ø20~Ø40
	DBF	Ø20~Ø40
	DBS	Ø20~Ø40
	DBT	Ø25~Ø40
	DMB	Ø32~Ø100
	DU	Ø40~Ø200
	DCK2	Ø40~Ø80
	RTU	Ø32~Ø40

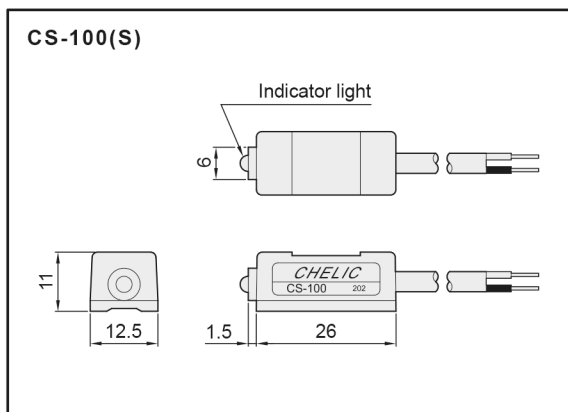
Specification

Item	Model	CS-100	CS-100(S)
Wiring system		Two lead wire type	
Switching voltage	V	DC : 5 ~ 240V AC : 5 ~ 240V	
Switching current	mA	100mA MAX.	
Contact capacity		10W MAX.	
Delay time		< 2ms (500 Hz)	
Contact		Normal open	
Protection grade		IP-67	
Color of indicator light		Green	
Cable		Ø4 Wire cable x 2M	
Voltage drop		3.5V MAX.	
Sensitivity	Note	Normal	High
Contact protective circuit		Non	
Operating temp	°C	-10° ~ 70°	
Weight	g	43 ± 2	

Note : For high sensitivity, add "-S" to the port number.

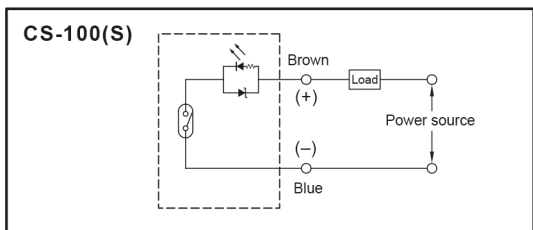
Dimension

Unit : mm

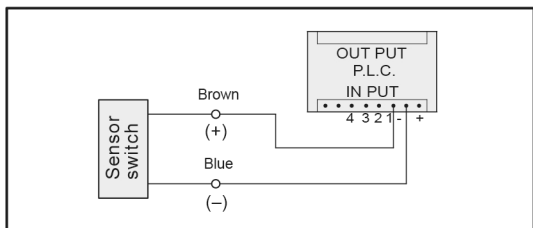


Sensor switch circuit and Connection diagram

Basic connection : Connect to relay or other resistor



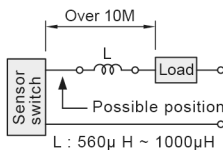
Connect to the programmable controller



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.

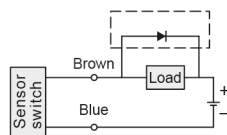
3. When inductive load is connected it is advisable to install protection circuit.



Protect electric circuit

DC load :

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



AC load :

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

