

CS - 5G series - Sensor switch

CHELIC PNEUMATIC

◊ Suitable for cylinder



| Model | Cylinder | Bore size |
|-------|----------|-----------|
| CS-5G | HDS | Ø10~Ø32 |
| | HDM | Ø12~Ø32 |
| | HDP | Ø10~Ø32 |
| | HDZ | Ø16~Ø40 |

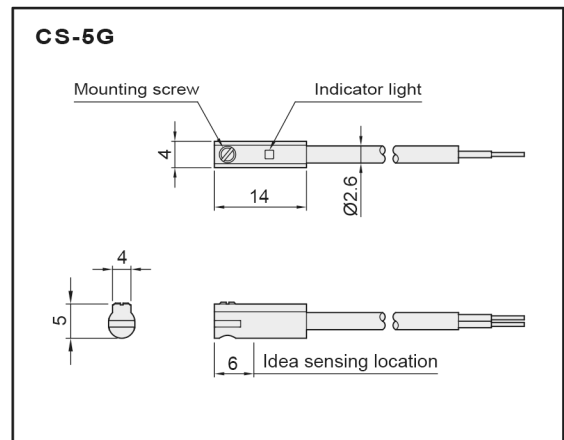
◊ Solid state sensor switch

◊ Specification

| Item | Model | CS-5G |
|----------------------------|-------|----------------------|
| Wiring system | | Two lead wire type |
| Switching voltage | V | DC : 10 ~28V |
| Switching current | mA | 4~20mA MAX |
| Contact capacity | | 0.6W MAX. |
| Delay time | | < 2ms (500Hz) |
| Contact | | Normal open |
| Protection grade | | IP - 67 |
| Color of indicator light | | Red |
| Cable | | Ø2.6 Wire cable x 2M |
| Voltage drop | | 3.5V MAX |
| Sensitivity | | 0.8mA MAX. |
| Contact protective circuit | | Yes |
| Operating temp | °C | -10°~70° |
| Weight | g | 20 ± 2 |

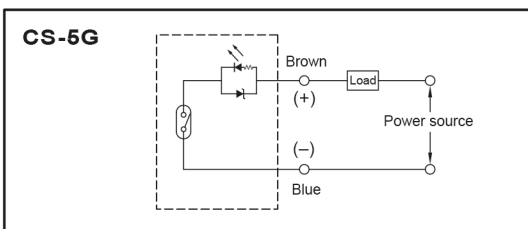
◊ Dimension

Unit : mm

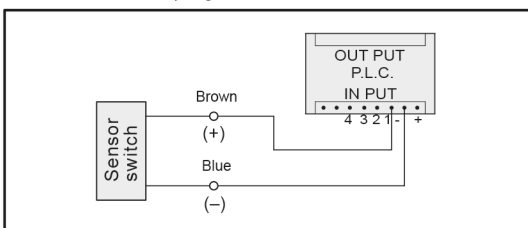


◊ Sensor switch circuit and Connection diagram

● Basic connection : Connect to relay or other resistor

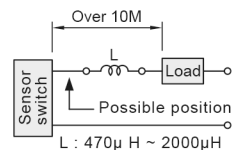


● Connect to the programmable controller



◊ Note

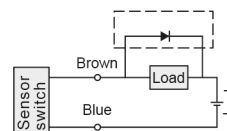
- When wire length of sensor switch connection load is more than 10 meters, inductor shall be installed near to sensor side to avoid ripple.
- Applied voltage and current shall not exceed the specified value.
- When inductive load is connected it is advisable to install protection circuit.



◊ 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.

