

CS - 130 series - Sensor switch

CHELIC PNEUMATIC



◉ Suitable for cylinder

| Model | Cylinder | Bore size |
|--------|-------------|----------------|
| CS-130 | SBA,SBB,SBD | Ø10 , Ø16 |
| | SBR | Ø6 , Ø10 , Ø16 |
| | SDA | Ø16 |
| | DBS2 | Ø20~Ø40 |
| | DBF2 | Ø20~Ø40 |

◉ Reed sensor switch

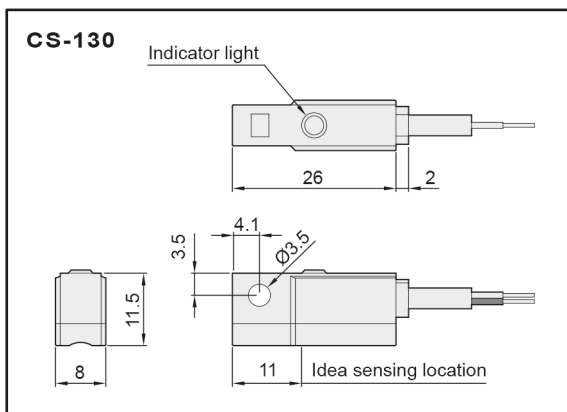
◉ Specification

| Item | Model | CS-130 - □ |
|----------------------------|-------|-----------------------------|
| 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 | | Red |
| Cable | | Ø3.3 Wire cable × 2M |
| Voltage drop | | 2.5V MAX. |
| Sensitivity | Note | Normal |
| Contact protective circuit | | Non |
| Operating temp | °C | -10° ~ 70° |
| Weight | g | 25 ± 2 |

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

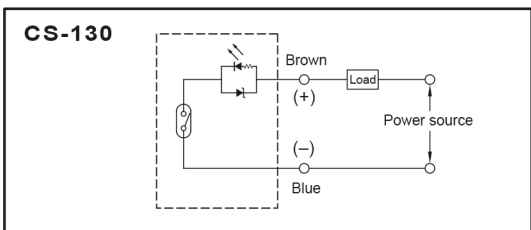
◉ Dimension

Unit : mm

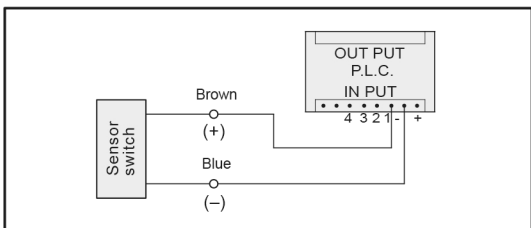


◉ Sensor switch circuit and Connection diagram ◉ Note

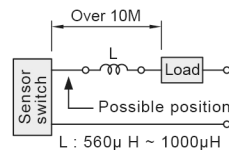
◉ Basic connection : Connect to relay or other resistor



◉ Connect to the programmable controller



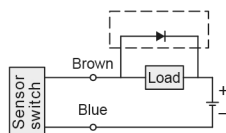
1. When wire length of sensor switch connection load is more than 10 meters, inductor shall be installed near to sensor side to avoid ripple.
2. Applied voltage and current shall not exceed the specified value.
3. When inductive load is connected it is advisable to install protection circuit.



◉ 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.

