

## BCS-2S Series Air Differential Pressure Switch

### Overview

The BCS-2S Series Air Differential Pressure Switch is mainly used to monitor the status of air flow in components such as filters and fans in ventilation systems.



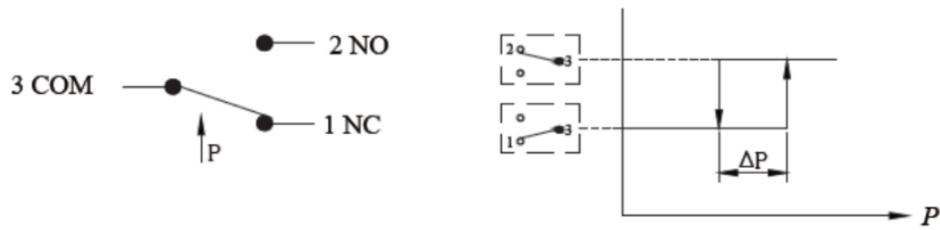
### Features

- Multiple measuring ranges available
- Wide differential pressure range
- Long life cycle
- Easy to install

### Specifications

<b>Pressure Range</b>	20~200Pa, 40~400Pa, 100~1000Pa
<b>Reset Differential Pressure</b>	10Pa, 20Pa, 50Pa
<b>Max Operating Pressure</b>	10kPa
<b>Accuracy</b>	≤ ±15%FS, min. ±10Pa
<b>Medium</b>	air, non-flammable gases, and non-aggressive gases
<b>Medium Temp.</b>	-20°C~85°C
<b>Storage Temp.</b>	-40°C~85°C
<b>Switch Capacity</b>	1.5A, (0.4A) / 250VAC; 0.1A/24VDC
<b>Conduit entry</b>	PG11 waterproof connector, outside diameter Φ5-10mm
<b>Electrical Connection</b>	6.35×0.8 AMP or screw wiring terminals
<b>Pressure Connection</b>	2× plastic tubes, outside diameter Φ6 mm; P1 is the positive pressure port, marked with "+"; P2 is the negative pressure port, marked with "-"
<b>Reset Type</b>	Automatic
<b>Mechanical Lifecycle</b>	1,000,000 cycles
<b>Certifications</b>	CE, RoHS
<b>Protection Class</b>	IP54
<b>Weight</b>	NW: 258g, GW: 303g
<b>Material</b>	PC housing cover, PA base, POM lower housing:
<b>Included Accessories</b>	1.5m of PVC hose 2* pressure tubes, 4* mounting screws 3* wiring terminals

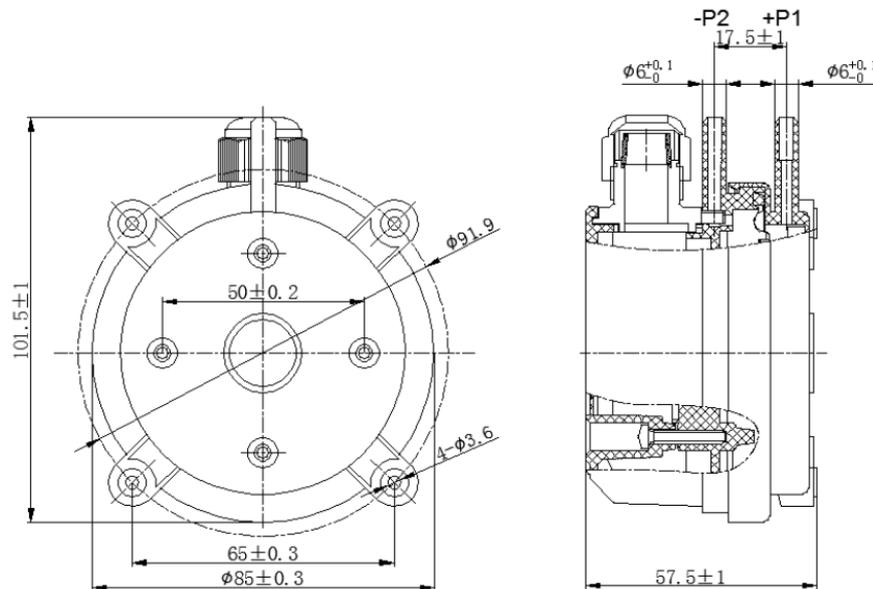
### Switch Function



### Ordering Information

Model No.	Differential Pressure Range	Switching Differential Pressure (Hysteresis)
BCS-2S2U-1	20~200Pa	10Pa
BCS-2S2U-2	40~400Pa	20Pa
BCS-2S2U-3	100~1000Pa	50Pa

### Appearance Dimensions



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