

Air Pressure Switch(Fix)

(SAPS 72F)

PRODUCT SPECIFICATION SHEET

FEATURES

- This switch operates by a positive pressure and negative pressure, a differential pressure.
- This switch is operated to low pressure of 0 to 30 mmH₂O and a user is able to request necessary pressure point.
- This switch has a various imitation of pressure setup.



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APPLICATION

This switch is used in air pressure sensing.

This switch has application to sensing of exhaust gas in oil, gas boiler and fan heater.

SPECIFICATIONS

Type	: Differential pressure type	
Installation	: Vertical	
Control fluid	: Air	
Electrical ratings	: 5A – 250VAC(Resistive lode)	
Allowable temperature	: -20 ~ 60℃	
Operating pressure range	: 4 ~ 30 mmH ₂ O	
Material	: Body	PC (G/F 30%)
	: Diaphragm	Silicon
	: Bellows	Silicon
	: Spring	SUS304

SPECIFICATIONS

Operating pressure range		: 4 ~ 30 mmH ₂ O
(ΔP)		: ≤ 5 mmH ₂ O
Leak tightness		: 120 cm ³ /h (Pressure condition 100mmH ₂ O)
Humidity		: RH 0 ~ 80%
Shock		: 5G
Constant resistance		: Initial, 150 mΩ.
Insulation resistance		: 100 MΩ, Min. DC500V Megger
Dielectric strength	Terminal – Terminal	: 800 VAC/1 min
	Terminal – Earth	: 1500 VAC/1 min
Mechanical life cycle		: 200,000 Cycle
Electrical life cycle		: 100,000 Cycle
Permissible fluid		: Air
Air connection		: Silicone Φ4 X Φ7, Φ5X Φ8
Installation screw		: M4
Electrical connection		: Male fast on 6.3X0.8mm

DIMENSIONS

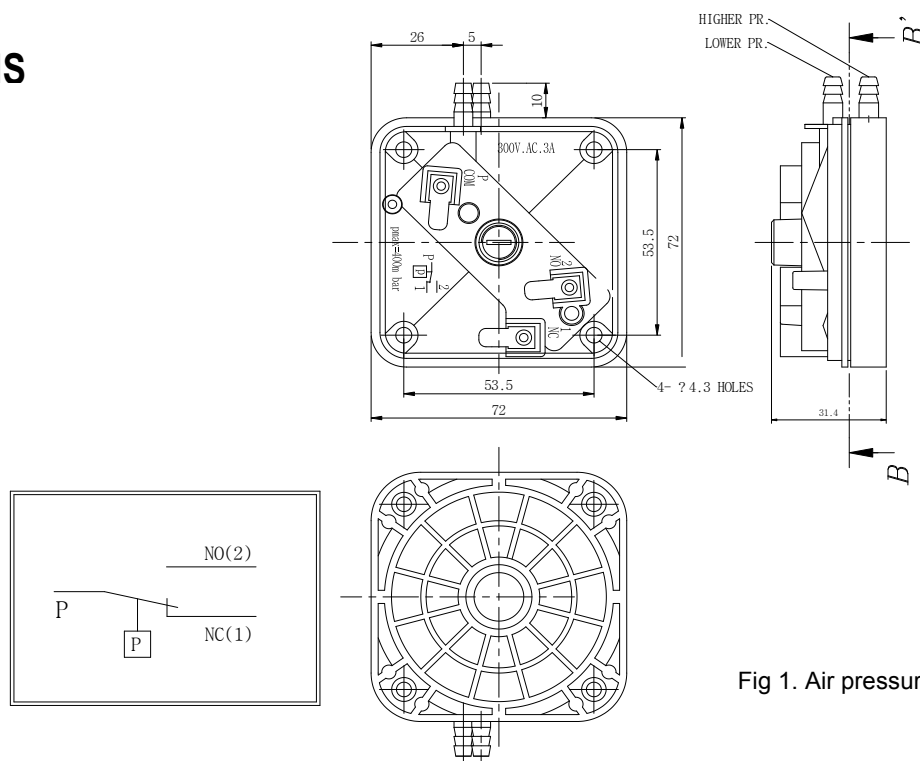


Fig 1. Air pressure switch(F)

The specifications and dimensions can be changed without warning