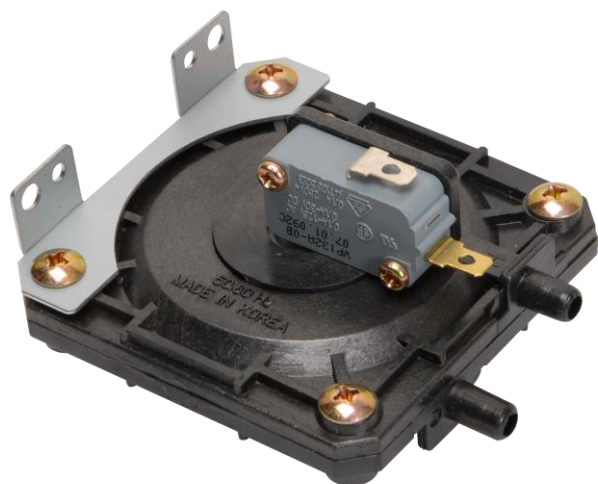


Air Pressure Switch(Fix) (AAPS-70F)

PRODUCT SPECIFICATION SHEET



FEATURES

- This switch operates by a positive pressure, negative pressure and a differential pressure.
- This switch is usually operated at the range of the low pressure of 10 to 300Pa and a user is able to request necessary pressure point.

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APPLICATION

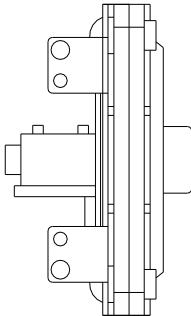
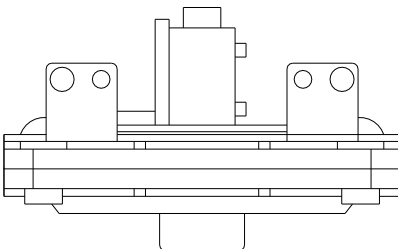
This switch is used in air pressure sensing.

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

SPECIFICATIONS

Type	: Differential pressure type	
Installation (Standard)	: Vertical (Optional type : Horizontal)	
Control fluid	: Air	
Electrical ratings	: 0.1A 125VAC, 0.1A 30VDC / 5A 250VAC	
Allowable temperature	: -20 ~ 85°C:	
Material	: Body	PC (G/F 30%)
	: Diaphragm	Silicone
	: Bellows	Silicone
	: Spring	SUS304

SPECIFICATIONS

Allowable Pressure	: 1000 Pa	
Momentary overpressure	: 2000 Pa	
Pressure range for set-up point (ON point)	: 40 ~ 300 Pa (It can be changed by customers)	
Difference between ON and OFF (ΔP)	: approx. 30 Pa	
Leak tightness	: 120 cm ³ /h (Pressure condition 1000 Pa)	
Switching tolerance	: \pm 10 Pa (It can be changed by customer)	
Shock	: 5G	
Constant resistance	: Initial, 150 m Ω .	
Insulation resistance	: 100 M Ω , 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	
Humidity	: RH 0~80%	
Air connection	: Silicone $\phi 4 \times \phi 7$, $\phi 5 \times \phi 8$	
Installation screw	: M4	
Electrical connection	: #187 4.8mm , #250 6.3mm	
Installation Instructions	Verticality (Standard)	
	horizontality	 when installing horizontally, the pressure switch switches at a lower pressure
Weight	: 74 g	

※ NOTE

- Applying pressure over 2000Pa may cause the product to malfunction.

DIMENSIONS

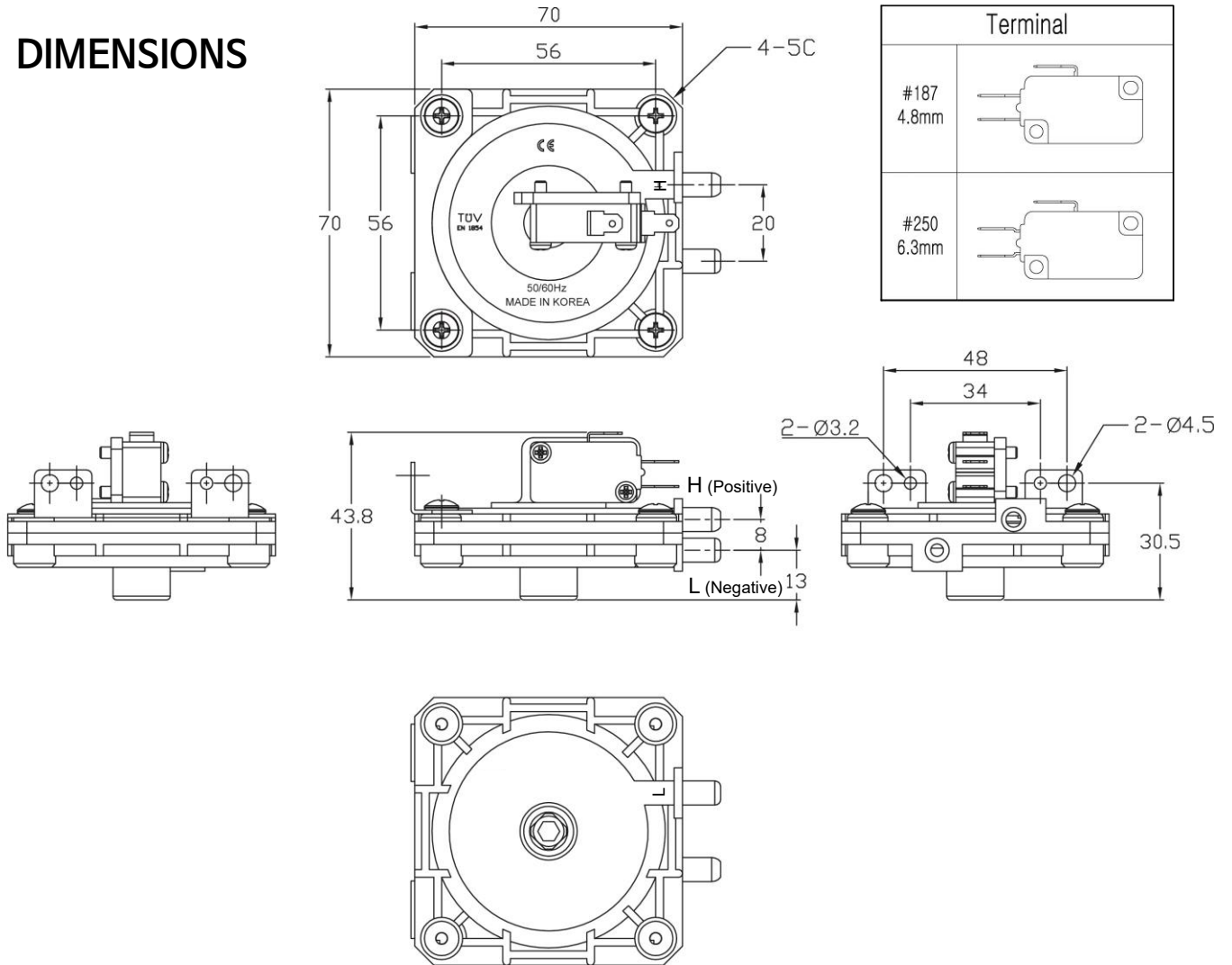


Fig 1. Air pressure switch(F)

The specifications and dimensions can be changed without warning

It has been manufactured in accordance with EN 1854.