DOOZEN
Specilize in Switch&Sensor

A4

Wind Pressure Switch



A4-N1A



A4-N2A



A4-N2B



A4-D2B

Summary

A4 switches offer a wide switching differential and low set point tolerance over a broad operating temperature and set point range from 10Pa to 1000 Pa.
They are manufactured in a automatic line to ensure the highest aua itv and accuracy.
The glass-flled polycarbonate housing contains a sensing diaphragm and an integral snap-acting switch. This design provides a high degree of stability and accommodates many sample line connector, terminal, and mounting options.

The high and low pressure ports are color-coded for ease of identification, Air sample Line connectors are located on either or both sides of thediaphragm in virtually any position required.

Feature

- Customer Engineered Solutions
- Wide Variety of Pressure Medium
- High Current Capable
- Fixed & Adjustable Set Points
- Normally Open/Normally Closed
- Single Pole/Double Throw
- Historically Proven Reliability

Applications

- Medical Equipment
- Appliances
- Pneumatic Equipment
- Automation
- Air Proving

- Detect blockage in gas appliances
- Detect condensate drain blockage
- Proof of fan operation
- Draft inducer verification
- Energy management systems

Certifications

CE GAC c UL us

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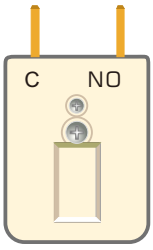
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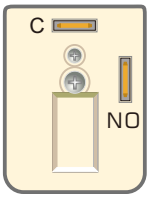
Standard Specifications

Mechnical	
Body	Glass filled polyester
Diaphragm	Silicon
Terminals	Brass 6.3X0.8mm or 4.8X0.5mm
Contacts	Fine Silver or Golden plated
Switch Type	SPST-NO, SPST-NC, SPDT
Life	1,000,000 cycles
Max Operating Pressure	3000Pa (0.5PSI)
Port connection	6.3mm O.D
Functional	
Working pressure Range	5Pa to 1000Pa
Operating position	Diaphragm vertical
Operating temperature	-40C to 85C
Deviation of Setting	+/-3Pa
Medium:	Air and neutral gases
Electronical	
Initial resistance	50 ,ohm Max
Amperage	From 0.1A to 5A
Voltage	24V DC or 125/250V AC

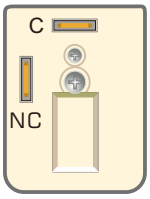
Terminal Options



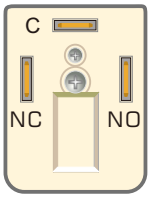
SPST/NO



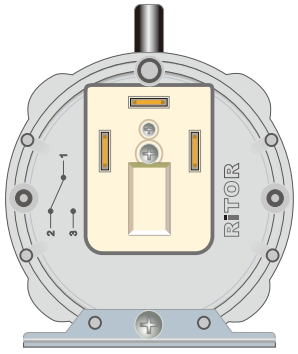
SPST/NO



SPST/NC



SPDT



The standard electrical connection consistsof male 90° quick-connect spade terminals.
The integral snap action switch is actuated by a pressure or vacuum air flow, or by a pressure or vacuum differential.
SPNO, SPNc, and SPDT terminal confieurations are available

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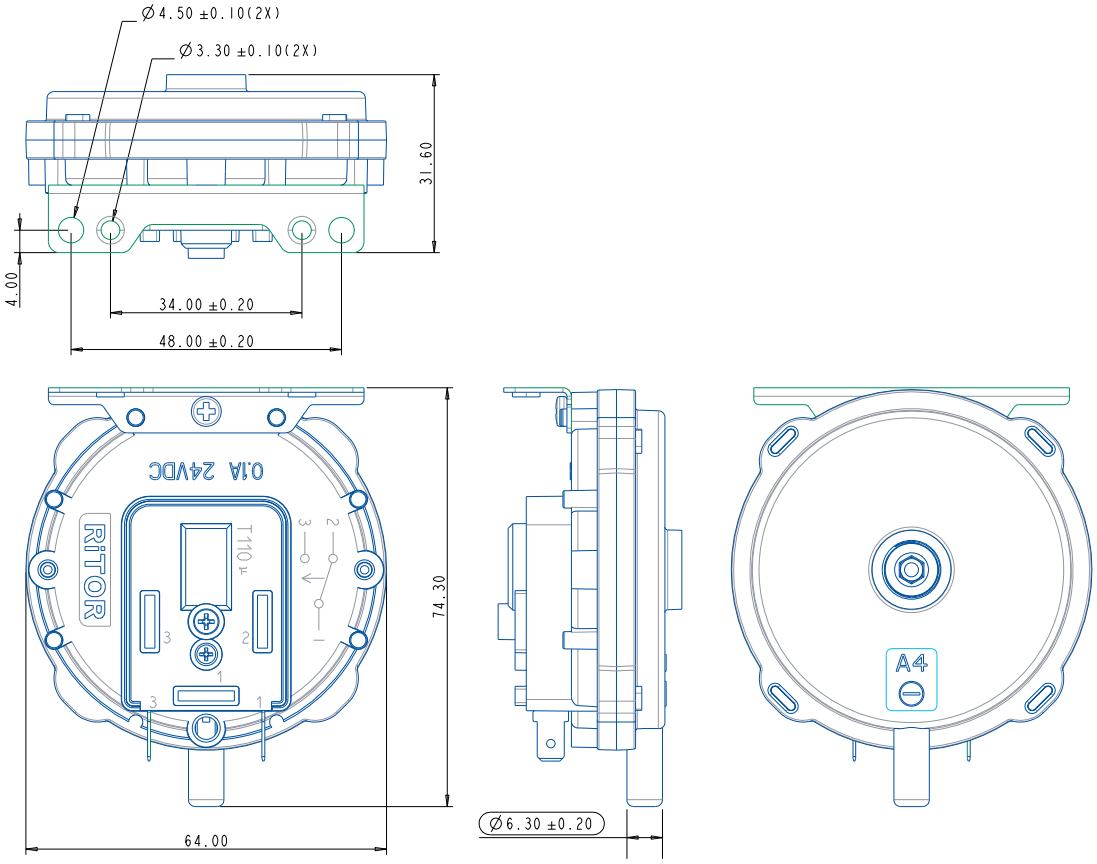
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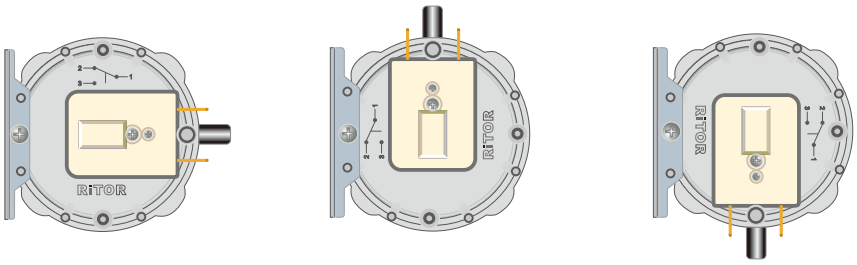
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Dimensions



Selection of mounting brackets



A4 switches are equipped with a large selection of separate mounting brackets. Brackets can be oriented in any specified position.

Optional Features

An optional Orifice Restrictor on Negative Pressure Connector available

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Model Selection instruction

A4 — N 2 B 000

1. Model Number

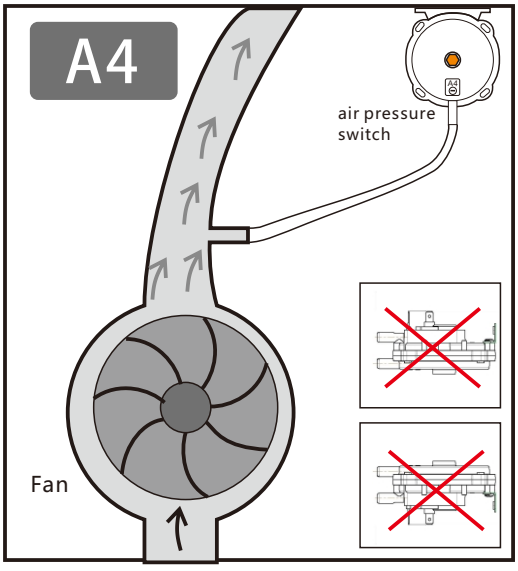
2. Port connection
   - N: Negative port only
   - D: Double port
   - P: Positive port only.

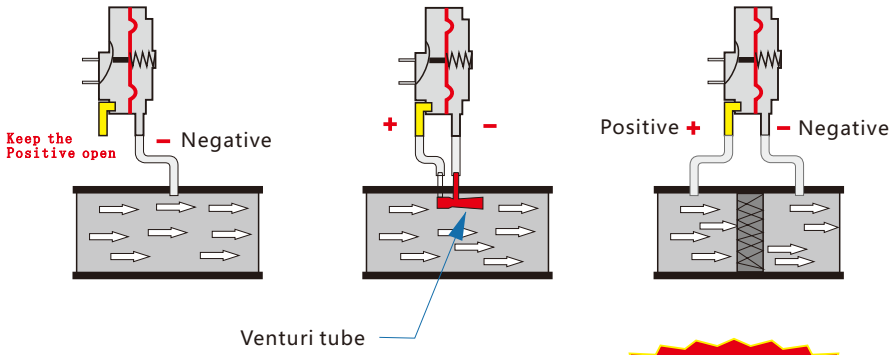
3. Terminal direction
   - 1: 2 Terminal (horizontal)
   - 2: 2 termial(Vertical)
   - 3: 3 termial(Vertical)

4. Terminal type
   - A: 187#(0.5*4.8mm)
   - B: 250#(0.8*6.3mm)
   - S: Special(0.8*4.8mm)

5. Custom code

Install Recomandation





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