

609 Series Differential Pressure Switch



Applications

Air and other non-combustible, non-aggressive gases
Monitor overpressure, vacuum and differential pressure for air and compatible gases.

Possible applications are:

- monitor air filters and ventilators
- monitor air status in heating and cooling circuits
- monitor flows in ventilation duct
- other applications

Specifications

Adjustable range: 20-300, 50-500 or 100-1000 Pa

Pressure limit: 7500Pa

Working temperature: -20~ 85 °C

Storage temperature: -40~85 °C

Pressure connection: ϕ 6.0mm plastic pipe, P1 high and P2 low pressure

Service life: over 10⁶ switching cycles

Electrical Contact: SPDT, max. 2A/250VAC, max. frequency 6 switching cycles/min

Electrical connection: 3 screw terminals

Repeatability: \pm 2%

Materials: housing PC, cover PC, diaphragm silicone and contact silver

Weight: 140g with bracket, 90g without bracket

Protection: IP54 with cover

Installation: vertical, pressure ports P1 and P2 downward. This is the factory-calibrated position. If horizontally installation needed, the switching value should plus about 20pa (cover upward) and minus about 10pa