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The Series T-3000 Adjustable Differential Pressure Switch is designed for pressure, vacuum, and differential pressures. The dual scaled adjustment knob in inches water column and pascals allows changes to the switching pressure to be made without a pressure gage. The silicone diaphragm and PA66 body make the series T-3000 ideal for use with air and other noncombustible gases. The compact size, adjustment knob and low cost make T-3000 the perfect choice for HVAC applications

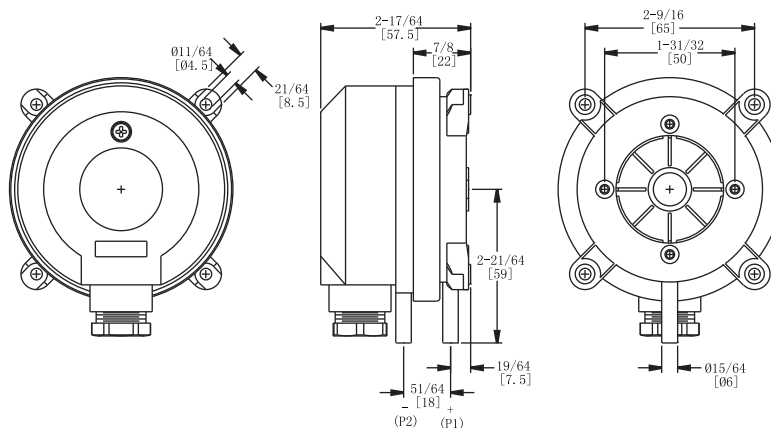


Applications

- Monitoring air filters and ventilators
- Monitoring industrial cooling-air circuits
- Overheating protection for fan heaters
- Monitoring flows in ventilation ducts
- Controlling air and fire-protection dampers
- Frost protection for heat exchanges

Note: Model adjust upper alarm from * to * allow error (dual scale Field adjustable Set point knob)

Type	Adjustable range
S300-3mBAR	0.2-3mbar
S300-5mBAR	0.5-5mbar
S300-10mBAR	1-10mbar
S300-25mBAR	5-25mbar
S300-50mBAR	10-50mbar



Specifications

Service: Air and non-combustible, compatible gases.

Wetted Materials:

Diaphragm material: silicone; Housing material: POM switch body: PA66; Cover: Polystyrene.

Temperature Limits: Process and ambient temperature from -4 to 185°F (-20 to 85°C).

Pressure Limits: Max. operating pressure: 40" w.c. (10 kPa) for all pressure ranges.

Switch type: Single-pole double-throw

Electrical Rating: Max. 1.5 A res./0.4 A ind./250 VAC, 50/60 Hz; Max.

switching rate: 6 cycles/min.

Electrical Connections: Push-on screw terminals. M20x1.5 with cable strain relief or optional 1/2" NPT connection.

Process Connections: 5/16" (7.94 mm) outside diameter tubing, 1/4" (6.0 mm) inside diameter tubing.

Enclosure Rating: NEMA 13, IP54.

Mounting Orientation: Vertically, with pressure connections pointing downwards.

Mechanical Working Life: Over 106 switching operations.

Weight: 5.6 oz (160 g).