Pressure Switch

Specifications
Model APS-0001
Air pressure sensing switch with fixed set point

Mounting position: Mount with the diaphragm in any vertical plane to obtain specified operating set point.
Set point: Fixed to operate on pressure rise at 0.05±0.02" w.c. (1.27±0.508 mm)
Switching differential (approximate): 0.02±0.01" w.c. (0.508±0.254 mm w.c.)
Measured media: Air, or combustion byproducts that will not degrade silicone.
Maximum pressure: 1/2 psi (0.03 bar)
Operating temperature range: -40°F to 180°F (-40.0°C to 82.2°C)
Life: 100,000 cycles minimum at 1/2 psi maximum pressure each cycle and at maximum rated electrical load.
Electrical rating: 300 VA pilot duty at 155 to 277 VAC, 15 amps noninductive to 277 VAC, 60 Hz.
Contact arrangement: SPST-NO
Electrical connections: Screw-type terminals.
Sample line connector: Barbed 1/8" - 1/4" slip-on connector accepts flexible tubing.
Shipping weight: 1.2 lbs.
Approvals: ETL

Functional specifications
Integral recycling delay timer with 10 minutes ON, 15 seconds OFF cycle, 120 volt input.
Power: 120 VAC ±10%/-15%, 50/60 Hz.
Timing range: 10 minutes (600 seconds) ±10%
Output: SPST NO relay rated for 8 amps (resistive) @ 250 VAC or 1/8 hp @ 250 VAC.
Electrical connections: Terminal block with clamp-type screw connector suitable for 12-26 AWG.
Temperature range: -40° to 140°F (-40° to 60°C).