

Product Description

The L02-04-0107 series differential pressure switch is a general purpose proving switch designed to require a manual operator reset following actuation. This pressure switch can be used to sense positive, negative, or differential air pressure in HVAC and Energy Management applications which require operator interface.

The L02-04-0107 has a field adjustable operating range of 0.05" to 12.0" w.c. The L02-04-0107 has a field adjustable set point range of 0.05" +/- 0.02" to 12" w.c. with a field adjustable release range of 0.04" to 11.2" of w.c.. Each unit contains a diaphragm, calibration spring, and a snap-acting SPDT switch.

The sampling connections are located on each side of the diaphragm. The L02-04-0107 will accept a 0.25" O.D. rigid metallic tubing via the integral compression ferrule and nut. The enclosure cover guards against accidental contact with the live switch terminal screws and the set point adjusting screw. The L02-04-0107 also contains a 1/2" conduit knockout in the cover of the enclosure.



Features and Application Highlights

The L02-04-0107 differential pressure switch may be used in many different applications including:

- Monitoring non-critical equipment for alerts to maintenance
- Clogged filter switch

Technical Data

Input Pressure Range Electrical Rating

- 0.05" +/- 0.02" to 12" w.c.
- 300VA pilot duty @ 115 to 277 VAC
15 amps non-inductive to 277 VAC, 60 Hz

Output

- 1 set SPDT contacts (Auto Reset)

Maximum Pressure

- 0.5 PSI

Switch Differential

- increasing from 0.01" w.c. at minimum

Set Point

- +0.08" w.c. @ maximum set point

Measured Media

- Air or combustion by-products that will not degrade silicon

Operating Temperature

- -40°F to 180°F (-40°C to 82.2°C)

Mounting Direction

- Any vertical plane

Field Wiring

- Wire to be rated to 90°C; user copper conductors only

Approval

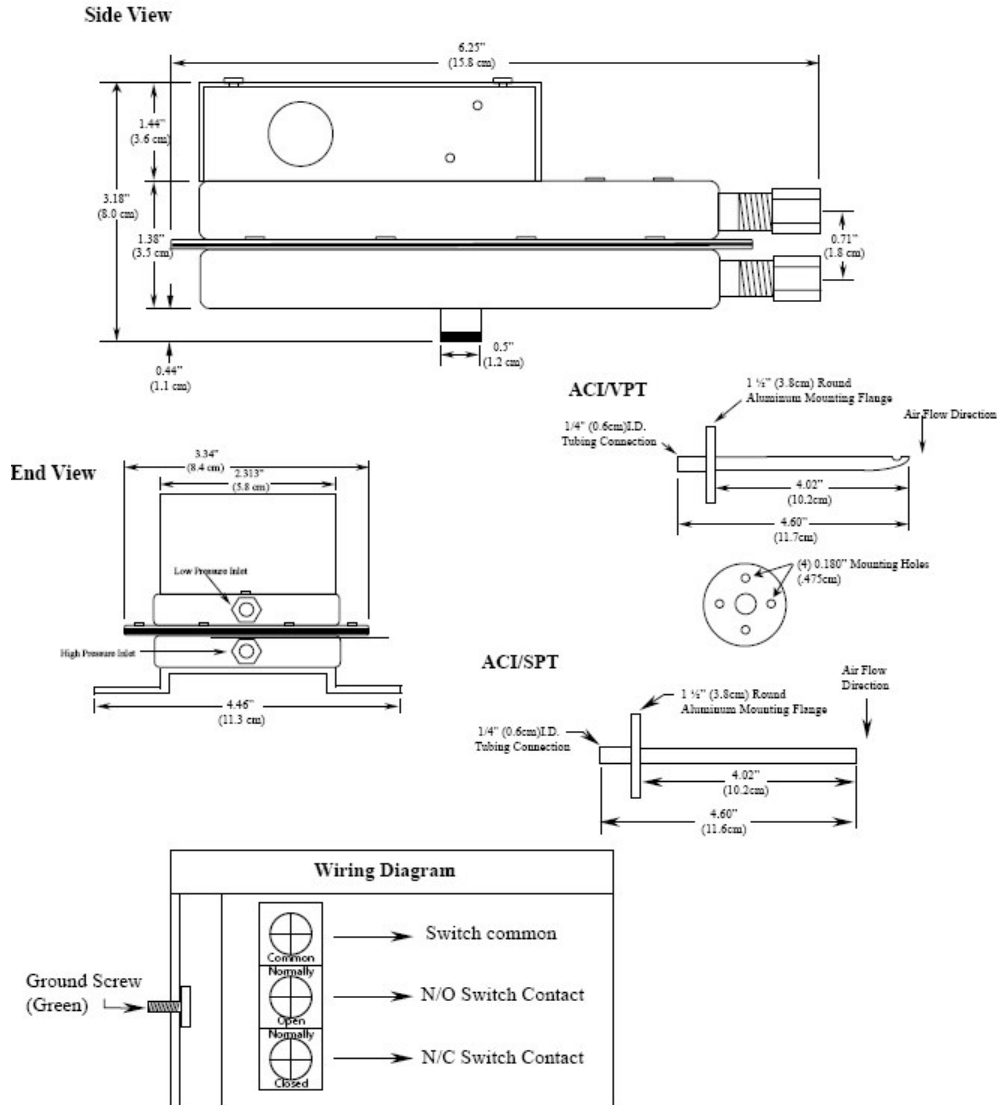
- UL, CSA, FM, CE

Shipping Weight

- 1.2 lbs

Device Detail

Dimensions



Ordering Information

Model #	Description
L02-04-0107	.05 to 12" Differential Pressure Switch (Auto Reset)

Accessory Items	Description
VPT	Total Pressure Pitot Tube
SPT	Static Pressure Pitot Tube