

### Description & Features:

- Piston-type pressure switch
- Vac to 500 psi pressure range
- SPDT switch
- Fixed deadband
- Simple set point adjustment
- Anodized aluminum construction with Buna N wetted parts
- $\pm 2\%$  of the adjustable range accuracy
- NEMA 4, IP65 enclosure rating (NEMA 4X optional)
- CSA approved
- CRN registered
- 5 year warranty

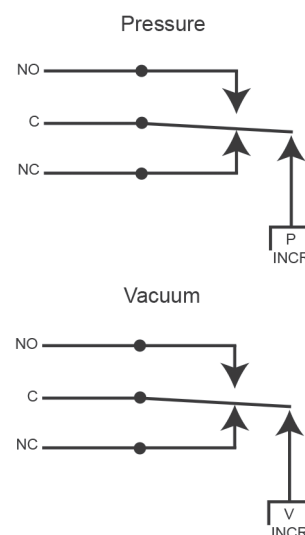
### Applications:

- Suitable for pump and compressor monitoring, HVAC systems and general industrial applications

### Specifications

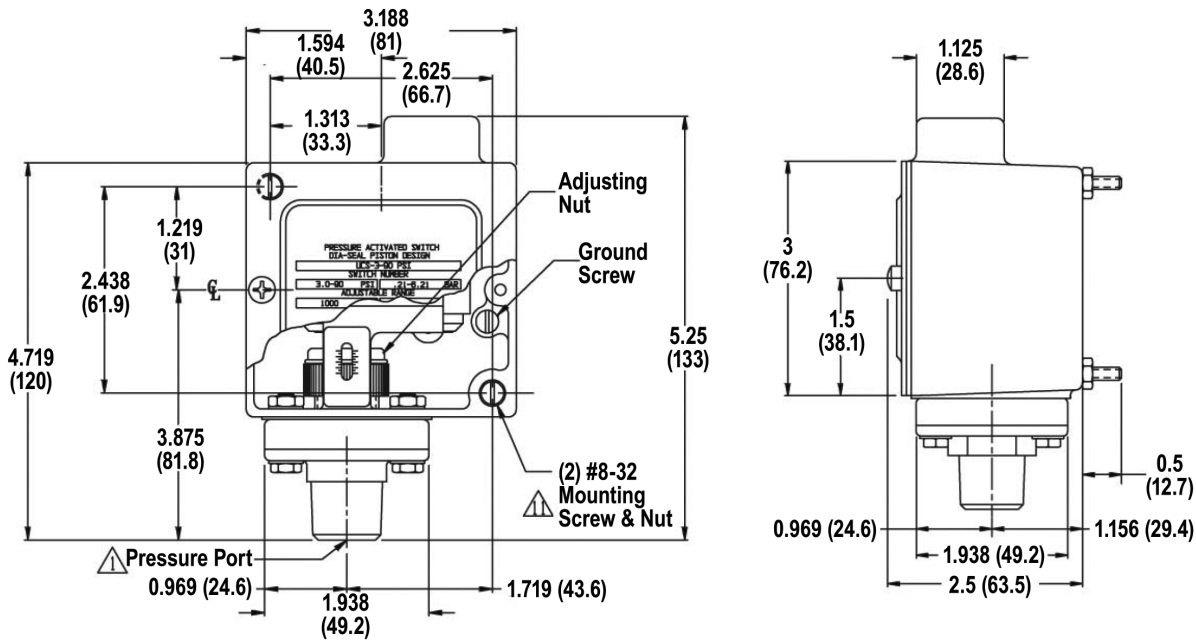
<b>Housing Material</b>	Anodized aluminum
<b>Accuracy</b>	$\pm 2\%$ of the adjustable range
<b>Pressure Connection</b>	1/4" NPTF
<b>Electrical Connection</b>	1/2" NPTF conduit connection with screw terminals
<b>Wetted Parts</b>	Aluminum and Buna N (PTFE O-ring or FKM diaphragm optional)
<b>Set Point Adjustment</b>	Self locking adjustment nut
<b>Deadband</b>	Fixed
<b>Contact Rating</b>	10 amps @ 125/250 Vac 3 amps @ 480 Vac
<b>No. of Contacts</b>	1 x SPDT
<b>Ambient/Process Temperature</b>	-20°F to 165°F (-29°C to 74°C)
<b>Enclosure Rating</b>	NEMA 4, IP65 (NEMA 4X optional)
<b>Approvals</b>	CSA approved
<b>Weight</b>	1.5 lbs (680 grams)

### Wiring Schematic



### Order Codes

Adjustable Range psi (bar)		Approximate Deadband (Actuation value) psi (bar)	Proof Pressure psi (bar)	NEMA 4 Code	NEMA 4X Code
Min	Max				
0.5" Hg	30" Hg	0.3-2.5" Hg	30 (2)	2WPSH030VF	2WPSH030VFFX
0.5 (0.03)	15 (1)	0.1-1.2 (0.01-0.08)	1,000 (69)	2WPSH0015F	2WPSH0015FFX
3 (0.2)	90 (6)	0.5-8 (0.03-0.5)	1,000 (69)	2WPSH0090F	2WPSH0090FFX
10 (0.7)	250 (17)	1-20 (0.07-1.3)	1,000 (69)	2WPSH0250F	2WPSH0250FFX
25 (1.7)	500 (34)	4-28 (0.3-1.9)	1,000 (69)	2WPSH0500F	2WPSH0500FFX



### Series Number (how to order)

**SERIES**

**SWITCH**

10 amps @ 125/250 VAC; 3 amps @ 480 VAC (standard)

10 amps @ 125/250/480 VAC; 2 amps @ 600 VAC; 0.4 amps @ 125 VDC; 0.2 amps @ 250 VDC MANUAL RESET

1 amp @ 125 VAC; gold contact

**PRESSURE RANGES PSI (BAR)**

Adjustable Range psi (bar)		Deadband (Actuation Value based on closed contact)
Min	Max	
0.5" Hg	30" Hg	0.3-2.5" Hg
0.5 (0.03)	15 (1)	0.1-1.2 (0.01-0.08)
3 (0.2)	90 (6)	0.5-8 (0.03-0.5)
10 (0.7)	250 (17)	1-20 (0.07-1.3)
25 (1.7)	500 (34)	4-28 (0.3-1.9)

**Fixed Deadband**

**PRESSURE CONNECTION**

1/4" NPT Female (standard)

1/8" int & 1/2" ext NPT

Nickel plated fitting

Brass fitting 1/8" int & 1/2" ext NPT

Brass fitting 1/4" NPT

**WETTED PARTS**

Buna-N

PTFE

FKM diaphragm

**OPTIONS**

NEMA 4X enclosure

Manual reset (must select class G limit switch)

Factory preset (consult factory)

