



Description & Features:

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

Applications:

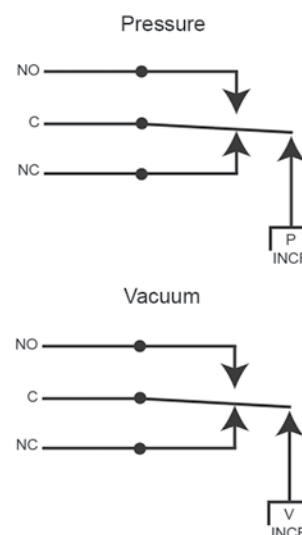
- Suitable for pump and compressor monitoring, HVAC systems and general industrial applications



Specifications

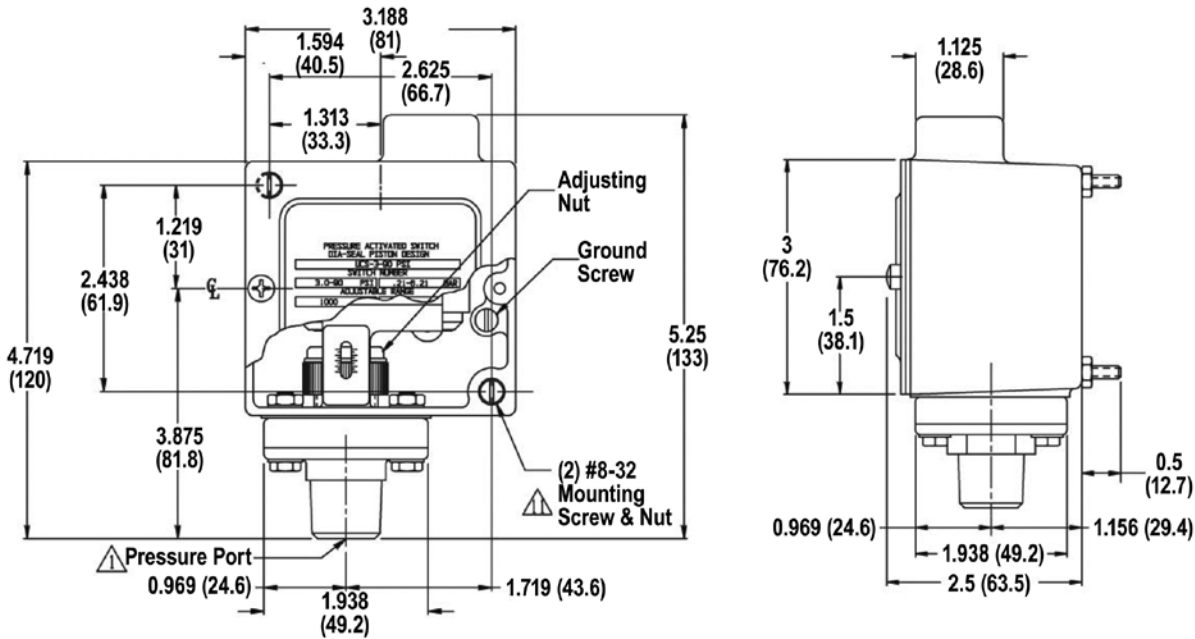
Housing Material	Anodized aluminum
Accuracy	±2% of the adjustable range
Pressure Connection	1/4" NPTF
Electrical Connection	1/2" NPTF conduit connection with screw terminals
Wetted Parts	Aluminum and Buna N (PTFE O-ring or FKM diaphragm optional)
Set Point Adjustment	Self locking adjustment nut
Deadband	Fixed or adjustable
Contact Rating	10 amps @ 125/250 Vac 3 amps @ 480 Vac
No. of Contacts	One, SPDT
Ambient/Process Temperature	-20°F to 165°F (-29°C to 74°C)
Enclosure Rating	NEMA 4, IP65 (NEMA 4X optional)
Approvals	UL and CSA approved, CRN compliant
Weight	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
1" Hg	30" Hg	Contact Winters for Values	30 (2)	2WPSH030VA	2WPSH030VAFX
1 (0.07)	15 (1)		1,000 (69)	2WPSH0015A	2WPSH0015AFX
6 (0.4)	90 (6)		1,000 (69)	2WPSH0090A	2WPSH0090AFX
15 (1)	250 (17)		1,000 (69)	2WPSH0250A	2WPSH0250AFX
35 (2.4)	500 (34)		1,000 (69)	2WPSH0500A	2WPSH0500AFX



Series Number (how to order)

SERIES

SWITCH

10 amps @ 125/250 VAC; 3 amps @ 480 VAC (standard)
 15 amps @ 125/250/480 VAC; 0.05 amps @ 125 VDC; 0.03 amps @ 250 VDC ADJUSTABLE DEADBAND
 10 amps @ 125/250/480 VAC; 2 amps @ 600 VAC; 0.4 amps @ 125 VDC; 0.2 amps @ 250 VDC MANUAL RESET (NON UL)
 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)

Adjustable Deadband

1" Hg	30" Hg	Contact Winters for Values
1 (0.07)	15 (1)	
6 (0.4)	90 (6)	
15 (1)	250 (17)	
35 (2.4)	500 (34)	
Special Range		

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)

