



Description & Features:

- Single or dual set point
- "Hg to 150 psi pressure range
- Fixed deadband
- Simple set point adjustment
- Anodized aluminum housing with stainless steel diaphragm
- Hermetically sealed contacts available (excluding vacuum models)
- $\pm 0.5\%$ accuracy
- NEMA 4 enclosure rating (NEMA 4X optional)
- CRN registered
- 5 year warranty

Applications:

- Suitable for oil and gas, mining and general industrial applications

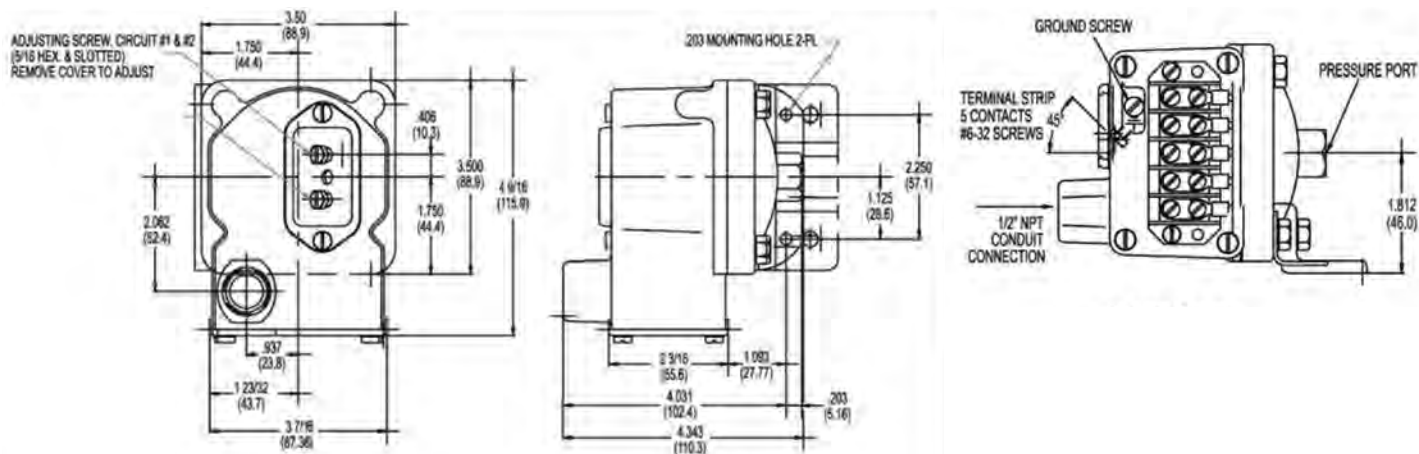
Specifications	
Housing Material	Anodized aluminum
Accuracy	$\pm 0.5\%$ of the adjustable range
Pressure Connection	1/4" NPTF (1/2" NPTF optional)
Electrical Connection	Terminal block through 1/2" NPTF conduit connector
Wetted Parts	304 SS process connection and 17-7 PH SS diaphragm
Set Point Adjustment	Self locking adjustment screw
Deadband	Fixed
Contact Rating	10 amps @ 125/250 Vac
No. of Contacts	1 x SPDT (2 x SPDT optional)
Ambient Temperature	-65°F to 165°F (-54°C to 74°C)
Storage Temperature	-65°F to 200°F (-54°C to 93°C)
Enclosure Rating	NEMA 4 (NEMA 4X optional)
Approvals	UL approved, CRN registered
Weight	2.0 lbs (907 grams)

Note: Hermetically sealed option is only available for 1 x SPDT switches

Order Codes

Adjustable Range "Hg (mbar)		Approximate Deadband (Actuation value) "Hg (mbar)	Proof Pressure "Hg (mbar)	NEMA 4 Code	NEMA 4X Code
Min	Max				
0.06 (2)	6 (203)	0.14-0.28 (4.7-9.5)	20 (677)	4WPS103VN4	4WPS103VN4FX
0.8 (2.7)	30 (1,016)	0.4-0.8 (14-27)	30 (1,016)	4WPS118VN4	4WPS118VN4FX

Adjustable Range psi (bar)		Approximate Deadband (Actuation value) psi (bar)	Proof Pressure psi (bar)	NEMA 4 Code	NEMA 4X Code
Min	Max				
0.03 (0)	3 (0.2)	0.07-0.15 (0-0.01)	10 (0.7)	4WPS1003N4	4WPS1003N4FX
0.4 (0.03)	18 (1.2)	0.12-0.26 (0.01-0.02)	60 (4.1)	4WPS1018N4	4WPS1018N4FX
0.5 (0.03)	80 (5.5)	1.6-3.4 (0.1-0.2)	160 (10.9)	4WPS1080N4	4WPS1080N4FX
1.5 (0.1)	150 (10.3)	2.3-6 (0.2-0.4)	300 (20.4)	4WPS1150N4	4WPS1150N4FX



Wiring Code

Lead	Pressure		Vacuum	
	Circuit #1	Circuit #2	Circuit #1	Circuit #2
Normally Open	Red	Yellow	Blue	Orange
Common	Purple	Brown	Purple	Brown
Normally Closed	Blue	Orange	Red	Yellow

Wiring Diagram

