

**Description & Features:**

- Compact all purpose pressure switch
- All stainless steel housing with diaphragm or piston actuated sensor
- Wide range of electrical switching outputs
- 1 x SPDT
- IP65 standard, IP67 optional
- Built in restrictor screw to safeguard against pulsations
- 5 year warranty

Applications:

- Suitable for all machinery in commercial and industrial sectors

Specifications

Housing Material	304L Stainless Steel
Accuracy	2% of full scale
Pressure Connection	1/4" NPT, G1/4", M14x1.5, M20x1.5
Electrical Connection	DIN ISO, cable outlet optional
Wetted Parts	Diaphragm sensor - NBR Piston sensor - 304L SS with NBR o-ring
Set Point Adjustment	Factory set or Field selectable
Deadband	10-20% of setpoint (fixed)
Contact Rating	2A 30VDC; 1A 42VDC; 0.15A 115VDC; 3A 42VAC; 5A 125VAC; 3A 250VAC
Sensor Type	NBR Diaphragm (≤ 145 psi) or SS Piston (> 145 psi) for Proof Pressure
Number of Contacts	1 X SPDT
Ambient / Process Temperature	-4 deg F to 185°F (-20 to 85°C)
Enclosure Rating	IP65 standard (DIN), IP67 optional (cable leads)
Vibration	10g 10-500 Hz, MIL-STD-202F
Shock	50g 11 ms, MIL-S-901C
Operating Life	1 million cycles
Weight	0.22 LBS (0.1 kg)

OrderCodes:

Adjustable Range psi (bar)*		Proof Pressure	DIN Connector
Min	Max	psi (bar)	1/4" NPT
3	10	145 (10)	1WPSL104N
3	15	145 (10)	1WPSL114N
3	30	4,350 (300)	1WPSL124N
7	70	4,350 (300)	1WPSL134N
7	120	4,350 (300)	1WPSL144N
15	200	4,350 (300)	1WPSL154N
15	250	4,350 (300)	1WPSL164N
30	300	4,350 (300)	1WPSL174N
50	500	14,500 (1,000)	1WPSH184N
100	1,000	14,500 (1,000)	1WPSH194N
200	2,000	14,500 (1,000)	1WPSH204N
300	3,000	14,500 (1,000)	1WPSH214N
450	4,000	14,500 (1,000)	1WPSH224N
500	5,000	14,500 (1,000)	1WPSH234N

*Note: Set-point for 1WPS is typically the midpoint of the adjustable range

