

WASCO

SWITCHES & SENSORS

V250 HIGH PRESSURE SWITCH SERIES

Industry leading customers have depended upon the reliability and performance of the V250 Series since 1989. The V250 Series incorporates Wasco's proprietary manufacturing method which we have perfected over the last three decades. The steel body construction and manufacturing method make this a perfect switch for high system pressure and demanding applications. This series has multiple O-ring options to accommodate different media.

This series is a rugged and reliable vacuum switch that is perfect for systems that require high accuracy, tight tolerance, and high overpressure capability.



V250 SERIES HIGHLIGHTS

We've designed the V250 series for high accuracy and cost-effectiveness. All V250 switches are built with overpressure protection.

TYPICAL APPLICATIONS

- Marine Equipment
- Industrial Systems
- Hydraulic Systems
- Fuel Systems
- Semiconductor Equipment

V250 SERIES PERFORMANCE CHART

Sensor	Max. System Pressure*	Set Point Range*	Set Point Tolerance	Typical Reset Band
0	3000	0.5 - 2.0**	± 0.3	1.0 - 3.0
1	3000	2.0 - 5.0	± 0.3	1.0 - 3.0
2	3000	2.5 - 12.0	± 0.4	1.5 - 6.0
3	3000	10.0 - 29.5	± 0.4	3.0 - 8.0

All measurements = inHg

* Other ranges available

** Set point range 0.5 - 2.0 PSIG is decreasing vacuum only



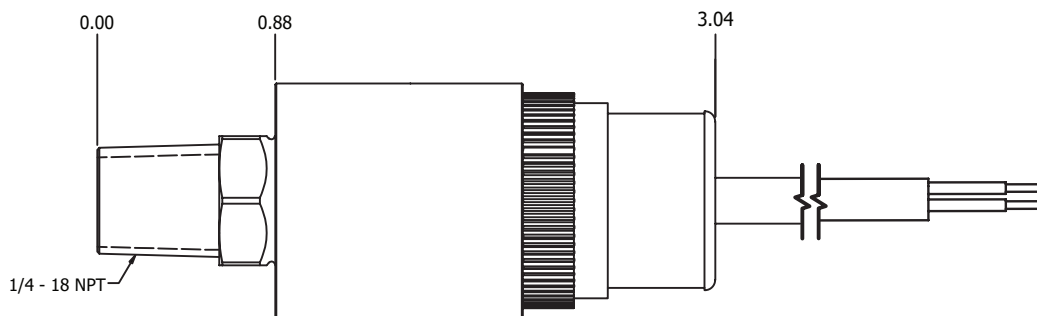
MATERIAL SPECS

	Wetted Components
Fitting	303 or 316 SS
Diaphragm	Kapton or 316 SS

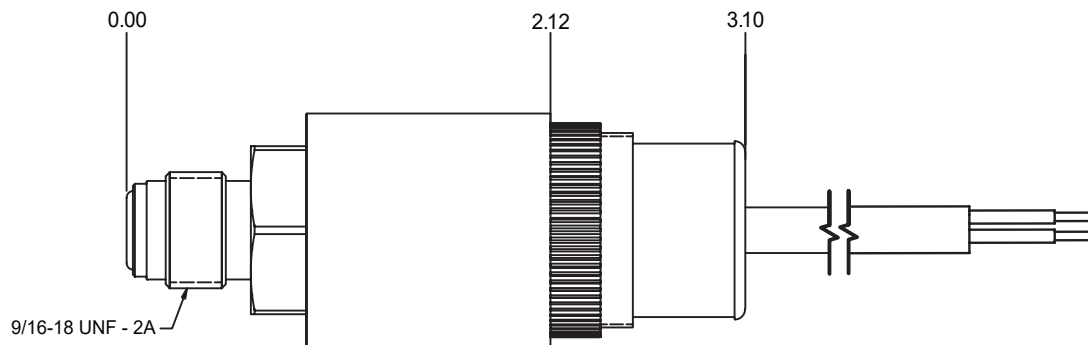
TECHNICAL SPECS

Life Cycle	≥1,000,000 cycles
Ingress Protection	IP65
Operating Temp	-65° to 225°F -54° to 107°C

V250 DIMENSIONS



Typical V250 with 1/4-18 NPT and jacketed leads (other configurations available)



Typical V250 with 9/16-18 UNF and jacketed leads (other configurations available)

We understand how difficult the specifying process is, but we believe it shouldn't be so confusing. Wasco has specified over 6000 unique pressure sensors for thousands of customers since 1963.

Find your solution today by filling out our [worksheet](#).

*Information contained in this document is for reference only. Actual product specifications will be provided on an engineering drawing.
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