

WASCO

SWITCHES & SENSORS

P250 HIGH PRESSURE SWITCH SERIES

Industry leading customers have depended upon the reliability and performance of the P250 Series since 1989. The P250 Series incorporates Wasco's proprietary manufacturing method which we have perfected over the last three decades. The steel body construction and manufacturing method make the P250 a perfect series for high pressure and demanding applications. This series has multiple O-ring options to accommodate different media.

This series is a rugged and reliable pressure switch that is perfect for systems that require high accuracy and tight tolerance.



P250 SERIES HIGHLIGHTS

We've designed the P250 series for high pressure and cost-effectiveness. All P250 switches are built with overpressure protection.

TYPICAL APPLICATIONS

- Mining Equipment
- Marine Equipment
- Industrial Systems
- Power Plant Equipment
- Hydraulic Systems

P250 SERIES PERFORMANCE CHART

Sensor	Max. System Pressure* (PSIG)	Set Point Range* (PSIG)	Set Point Tolerance (PSI)	Typical Reset Band (PSI)
1	3000	1.0 - 10.0	± 0.2	0.5 - 1.5
2	3000	10.0 - 20.0	± 0.4	1.0 - 4.0
3	3000	20.0 - 35.0	± 0.7	2.0 - 5.0
4	3000	35.0 - 60.0	± 1.2	4.5 - 8.0
5	3000	60.0 - 100.0	± 2.0	7.0 - 15.0

* Other ranges available

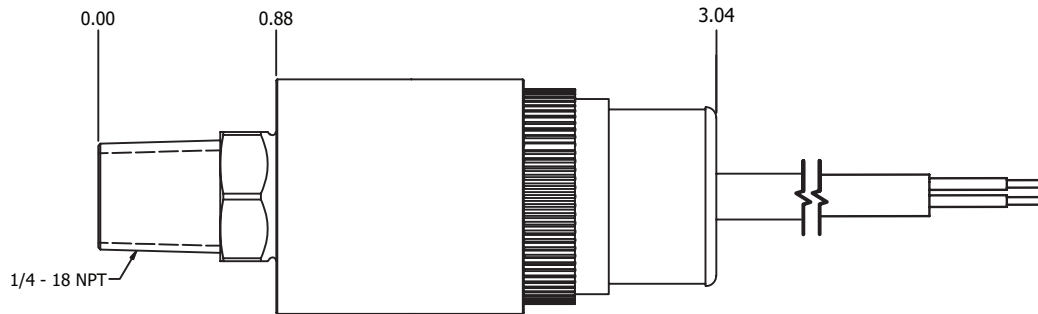
MATERIAL SPECS

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

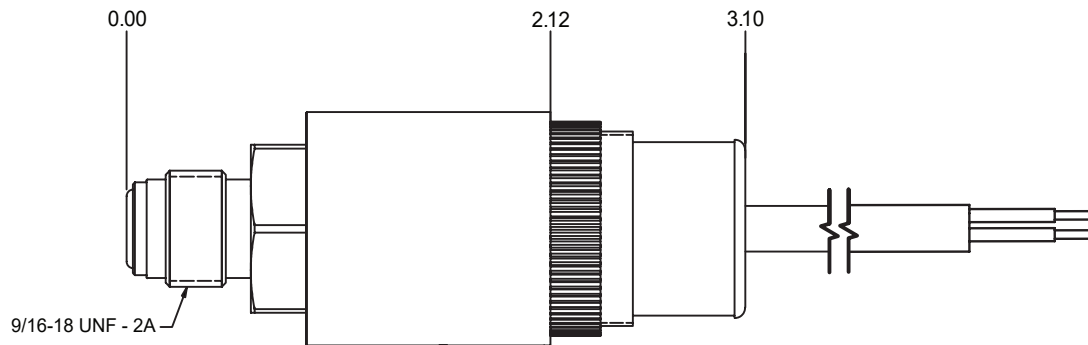
TECHNICAL SPECS

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

P250 DIMENSIONS



Typical P250 with 1/4 - 18 NPT and jacketed leads (other configurations available)



Typical P250 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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