



ULTRA HIGH PURITY SWITCH 150 SERIES

Industry leading customers have depended upon the reliability and performance of the UHP150 Series since 1989. This series features an all stainless steel sensor in addition to an all welded construction. The UHP150 Series incorporates Wasco's proprietary manufacturing method which eliminates all leak paths.

This series is a perfect switch for systems that require sensing of corrosive media in a high accuracy, tight tolerance application.



UHP150 HIGHLIGHTS

We've designed these switches for ultra high purity applications such as the semiconductor equipment market. The UHP150 Series does not contain any elastomer or O-ring. All switches are helium leak tested to $\leq 1 \times 10^{-9}$ std cc/sec Helium per SEMI F1. The UHP150 Series is manufactured and packaged inside an ISO 5 cleanroom.

TYPICAL APPLICATIONS

- Gas Boxes
- Ozone Systems
- Gas Distribution Systems
- Semiconductor Equipment
- Medical Equipment
- Filtration Systems

UHP150 SERIES PERFORMANCE CHART

Sensor	Max. System Pressure*	Set Point Range*	Set Point Tolerance	Reset Band
3	30	1.0 - 30	± 0.7	0.7 - 2.3
5	125	3 - 125	± 2.0	1.3 - 3.8
8	250	8 - 250	± 5.0	2.0 - 10.0
15	500	18 - 500	± 10.0	5.0 - 21.0

All measurements in PSI
* Other Ranges Available

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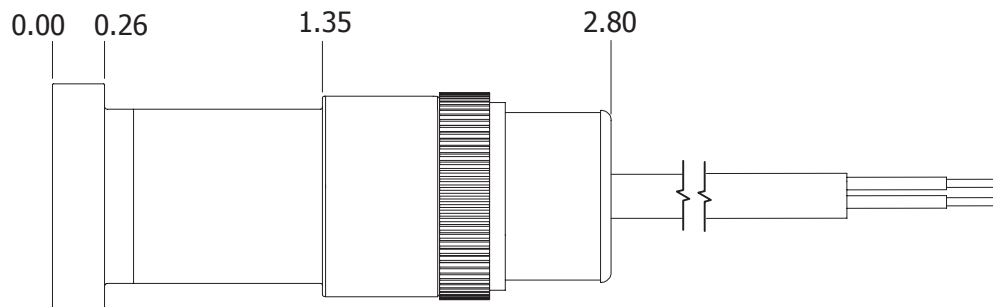
MATERIAL SPECS

	Wetted Components
Fitting	316L Stainless Steel
Diaphragm	17-7PH SS

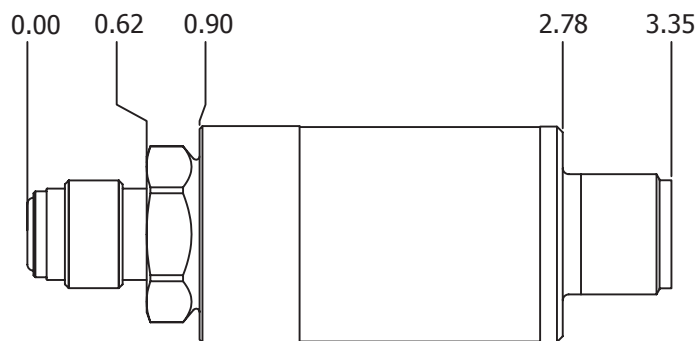
TECHNICAL SPECS

Life Cycle	≥1,000,000 cycles
Ingress Protection	IP65 Rated
Leak Rate	100% Helium Leak Tested to $\leq 1 \times 10^{-9}$ std cc/sec Helium
Operating Temp	-65° to 225°F -54° to 107°C

UHP150 DIMENSIONS



Typical UHP 150 w/ 1.125" Surface Mount Shown (Other Options Avail-



Typical UHP 150 w/ 1/4" Male Face Seal Shown (Other Options 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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SCAN ME

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