

P117LV

NEMA 4 Stainless Steel Vacuum Switch

OVERVIEW

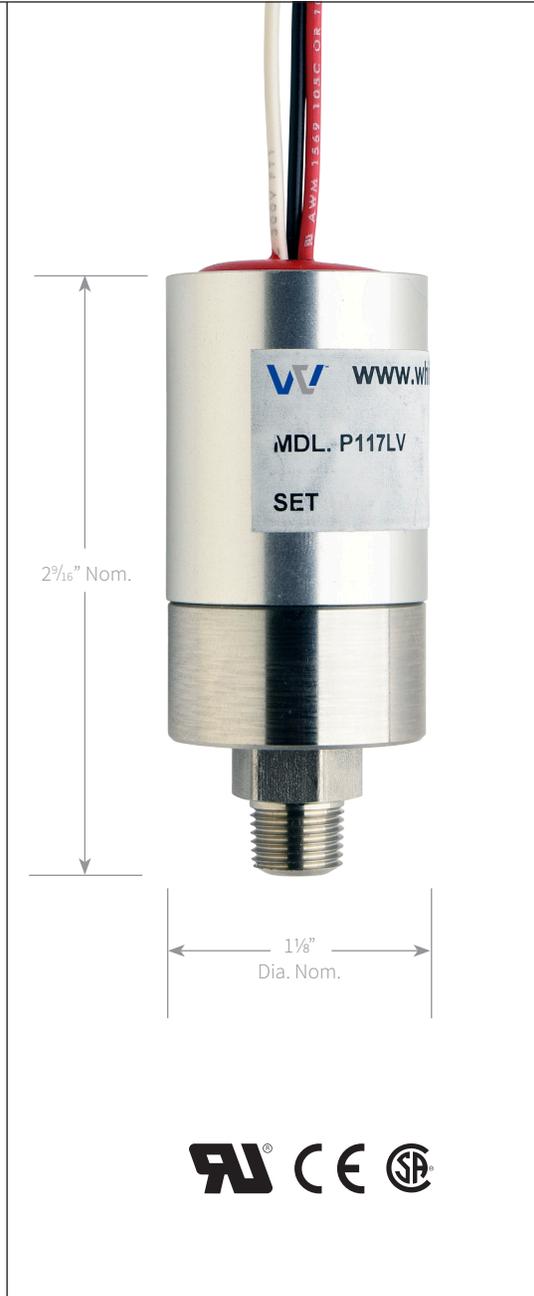
The Whitman Controls P117LV NEMA 4 Stainless Steel Vacuum Switches are the weather-proof, liquid-resistant version of the P117V. The NEMA 4 rating makes these rugged switches suitable for outside applications or in areas of condensing humidity. Unlike the P117V, the P117LV set point is factory set to customer specification and is non-adjustable. Numerous fitting options are available.

KEY FEATURES

- Miniature size
- Stainless steel body
- NEMA 4 Rated
- Set point options: Factory set, field adjustable, or a combination
- Extensive operating temperature range
- Wide range of electrical interfaces available
- SPDT or SPST availability

SPECIFICATIONS

- **Set Point Range:** 1.6 to 28.2 InHg
- **Max System Pressure:** 0 PSIG
- **Temperature Range:** -65°F to +225°F (-54°C to +107°C)
- **Amps:** 5 Amps Max
- **Sensor Element:** Capsule
- **Weight:** 3oz (varies slightly with electrical interface selection)
- **Cycling:** 3H/5H – Not to exceed 60 CPM, 10H – Not to exceed 20 CPM
- **Wetted Parts:**
 Capsule: 17-7 PH
 Fitting: 303 Stainless steel
 Standard Thread: 1/8 -27 NPT male
 Optional Threads: 1/4 -18 NPT male



SENSOR CODE AND PERFORMANCE CHARACTERISTICS

Table A			Table B	
SENSOR CODE	MAXIMUM SYSTEM VACUUM*	SET POINT REPEATABILITY	SET POINT RANGE	
	Inches Hg	Inches Hg	DECREASING INCHES Hg	INCREASING INCHES Hg
3H	29.9	± 1.2	1.6 - 27.0	2.7 - 28.2
5H	29.9	± 2.0	4.0 - 24.8	5.1 - 28.2
10H	29.9	± 4.0	6.0 - 21.5	8.4 - 28.2

*Exceeding sensor capacity may cause shift in set point

CAUTION: Customer Media and environment must be compatible with construction materials as outlined above