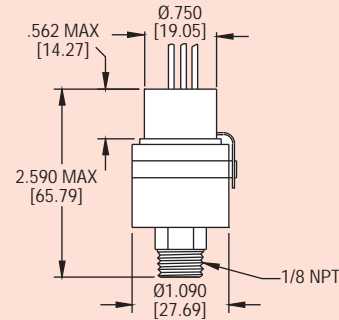




Series
APS/
AVS

Adjustable Pressure Switch

Vacuum and Pressure Ranges, 5A Switch, Compact Size



Miniature Series APS/AVS Adjustable Switches offer reliable switching for pressure/vacuum alarm, shutdown or control. The units are readily adjustable throughout their range using the locking adjusting ring and indicating pointer. The body is constructed of stainless steel for durability in harsh environments. Switches include 12" (30 cm) wire leads sealed with epoxy for additional protection.

SPECIFICATIONS

Service: Compatible liquids or gases.

Wetted Materials: Capsule: 17-7 PH SS; Fitting: 303 SS.

Temperature Limits: -65 to 225°F (-54 to 107°C), a set point change of up to 2% when used below -10°F (-23°C) or above 125°F (52°C).

Pressure/Vacuum Limits: 150% of range.

Switch Type: SPDT snap action.

Electrical Ratings: 5A @ 250 VAC, 3A @ 28 VDC.

Electrical Connections: 3-wire, 20 AWG insulated with PVC, 12" (30 cm) length.

Process Connection: 1/8" male NPT.

Setpoint: Field adjustable.

Cycling: Not to exceed 20 CPM.

Sensor Element: Capsule.

Weight: 3 oz (85 g).

Model	Set Point Range psi (bar)		Repeatability psi (bar)	Deadband psi (bar)	Model	Set Point Range "Hg (cm Hg) Vac		Repeatability "Hg (cm Hg)	Deadband "Hg (cm Hg)
	Increasing	Decreasing				Increasing	Decreasing		
APS-150	0.8-28.5(.06-2.0)	1.6-30.0(.11-2.1)	±0.6(.04)	0.8-1.3(.06-.09)	AVS-150	1.6-27.1(4.1-68.6)	2.7-28.2(6.9-71.6)	±1.2(3.1)	1.3-2.7(3.3-6.9)
APS-250	2.0-48.0(.14-3.3)	3.0-50.0(.21-3.5)	±1.0(0.7)	1-1.7(.07-.12)	AVS-250	4.0-24.8(10.2-63.0)	5.1-28.2(13.0-71.6)	±2.0(5.1)	1.5-3.2(3.8-8.1)
APS-350	3.0-96.5(.21-6.7)	4.5-100(.31-6.9)	±2.0(.14)	1.6-4(.11-.28)	AVS-350	6.0-21.5(15.2-54.6)	8.4-28.2(21.3-71.6)	±4.0(10.2)	2.6-7.3(6.6-18.5)
APS-450	7.5-242(.52-16.7)	9.7-250(.67-17.2)	±5.0(.35)	2.5-9(.17-.62)					
APS-550	15.0-485(1.0-33.4)	20.0-500(1.4-34.5)	±10.0(.69)	5-22(.35-1.5)					