



Adjustable Pressure Switch

Vacuum and Pressure Ranges, 5 A Switch, Compact Size

MODELS SELECT CHART

Model	Range
APS-150	Adjustable pressure switch, set point range 0.8-28.5 psi (.06-2.0 bar) increasing, 1.6-30.0 psi (.11-2.1 bar) decreasing, ± 0.6 psi (.04 bar) repeatability, 0.8-1.3 psi (.06-.09 bar) deadband.
APS-250	Adjustable pressure switch, set point range 2.0-48.0 psi (.14-3.3 bar) increasing, 3.0-50.0 psi (.21-3.5 bar) decreasing, ± 1.0 psi (0.7 bar) repeatability, 1-1.7 psi (.07-.12 bar) deadband.
APS-350	Adjustable pressure switch, set point range 3.0-96.5 psi (.21-6.7 bar) increasing, 4.5-100 psi (.31-6.9 bar) decreasing, ± 2.0 psi (.14 bar) repeatability, 1.6-4 psi (.11-.28 bar) deadband.
APS-450	Adjustable pressure switch, set point range 7.5-242 psi (.52-16.7 bar) increasing, 9.7-250 psi (.67-17.2 bar) decreasing, ± 5.0 psi (.35 bar) repeatability, 2.5-9 psi (.17-.62 bar) deadband.
APS-550	Adjustable pressure switch, set point range 15.0-485 psi (1.0-33.4 bar) increasing, 20.0-500 psi (1.4-34.5 bar) decreasing, ± 10.0 psi (.69 bar) repeatability, 5-22 psi (.35-1.5 bar) deadband.
AVS-150	Adjustable pressure switch, set point range 1.6-27.1" Hg (4.1-68.6 cm Hg) increasing, 2.7-28.2" Hg (6.9-71.6 cm Hg) decreasing, ± 1.2 " Hg (3.1 cm Hg) repeatability, 1.3-2.7" Hg (3.3-6.9 cm Hg) deadband.
AVS-350	Adjustable pressure switch, set point range 6.0-21.5" Hg (15.2-54.6 cm Hg) increasing, 8.4-28.2" Hg (21.3-71.6 cm Hg) decreasing, ± 4.0 " Hg (10.2 cm Hg) repeatability, 2.6-7.3" Hg (6.6-18.5 cm Hg) deadband.

Specifications:-		
Service	:	Compatible liquids or gases.
Wetted Materials	:	Capsule: 17-7 PH SS; Fitting: 303 stainless steel.
Temperature Limit	:	-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	:	5 A @ 250 VAC, 3 A @ 28 VDC.
Electrical Connection	:	3-wire, 20 AWG insulated with PVC, 12" (30 cm) length.
Process Connection	:	1/8" male NPT.
Set Point	:	Field adjustable.
Cycling	:	Not to exceed 20 CPM.
Sensor Element	:	Capsule.
Weight	:	3 oz (85 g).
Agency Approvals	:	UR