

SERIES APS/AVS | ADJUSTABLE PRESSURE SWITCH

FEATURES/BENEFITS

- Field adjustable with simple indicating pointer reduces installation time bring application on-line faster
- Stainless steel construction provides a durable solution in harsh environments

APPLICATIONS

- OEM
- Process equipment
- Compressors
- Pump control
- Motor control

DESCRIPTION

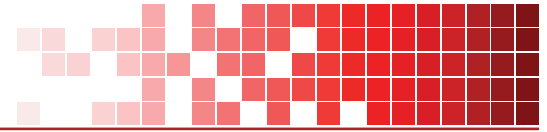
The **SERIES APS/AVS** Adjustable Pressure Switches offer reliable switching for pressure/vacuum alarm, shutdown or control. The units are readily adjustable throughout their range using the locking adjusting ring and indicating pointer. The body is constructed of stainless steel for durability in harsh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



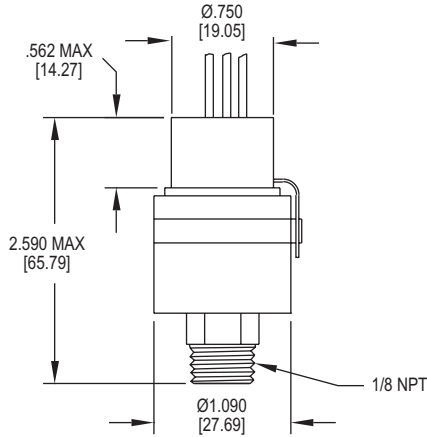
SPECIFICATIONS

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	5 A @ 250 VAC, 3 A @ 28 VAC.
Electrical Connections	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.

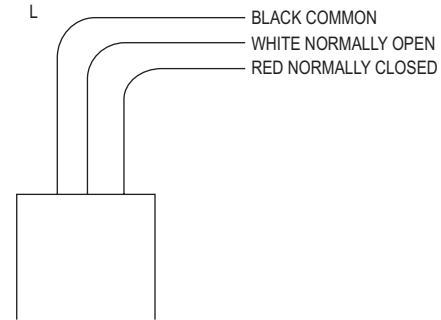




DIMENSIONS



WIRING DIAGRAM



HOW TO ORDER

Use the **bold** characters from the chart below to construct a product code.

SERIES	-X	-X	RANGE
APS - Adjustable pressure switch			150 - Decreasing: 0.8 to 28.5 psi (0.06 to 2.0 bar) Increasing: 1.6 to 30.0 psi (0.11 to 2.1 bar) (APS only)
AVS - Adjustable pressure switch for vacuum ranges			250 - Decreasing: 2.0 to 48.0 psi (0.14 to 3.3 bar) Increasing: 3.0 to 50.0 psi (0.21 to 3.5 bar) (APS only)
			350 - Decreasing: 3.0 to 96.5 psi (0.21 to 6.7 bar) Increasing: 4.5 to 100 psi (0.31 to 6.9 bar) (APS only)
			450 - Decreasing: 7.5 to 242 psi (0.52 to 16.7 bar) Increasing: 9.7 to 250 psi (0.67 to 17.2 bar) (APS only)
			550 - Decreasing: 15.0 to 485 psi (1.0 to 33.4 bar) Increasing: 20.0 to 500 psi (1.4 to 34.5 bar) (APS only)
			150 - Decreasing: 1.6 to 27.1 psi (4.1 to 68.6 bar) Increasing: 2.7 to 28.2 psi (6.9 to 71.6 bar) (AVS only)
			250 - Decreasing: 4.0 to 24.8 (10.2 to 63.0 bar) Increasing: 5.1 to 28.2 psi (13.0 to 71.6 bar) (AVS only)
			350 - Decreasing: 6.0 to 21.5 psi (15.2 to 54.6 bar) Increasing: 8.4 to 28.2 psi (21.3 to 71.6 bar) (AVS only)

Important Notice: Dwyer Instruments, Inc. reserves the right to make changes to or discontinue any product or service identified in this publication without notice. Dwyer advises its customers to obtain the latest version of the relevant information to verify, before placing any orders, that the information being relied upon is current.

