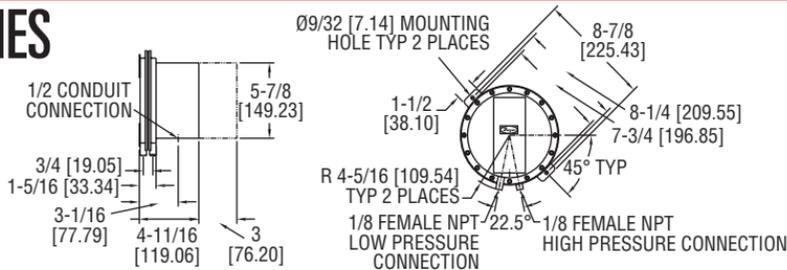




# SINGLE AND DUAL PRESSURE SWITCHES

High Reliability, Repetitive Accuracy within  $\pm 1\%$



On the **SERIES 1620** our old faithful switch design is still best where highest precision combined with diaphragm sealed leak proof construction and mounting simplicity are required. Model 1626 and 1627 differential pressure switches are identical in design and construction except that Model 1626 has a single electric switch and Model 1627 has dual electric switches. Model 1627 can therefore provide dual control when required. It can be set to open or close two independent electrical circuits, each preset for its own actuation pressure. Both units have diaphragm sealed motion take outs providing maximum protection against leakage.

## FEATURES/BENEFITS

- Single or dual action switches support consistent designs with similar models, but with the ability to match specific application needs
- Sealed diaphragm provides leak-proof construction for high accuracy and precision control

## APPLICATIONS

- Damper positioning
- Duct air control

MODEL CHART				
Model	Operating Range in w.c.	Approximate Deadband		Adj. Diff. Between Set Points
		Min. Set Point	Max. Set Point	
1626-1	.15 to 1.5	.10	.20	-
1626-5	.5 to 6.0	.15	.35	-
1626-10	2.0 to 11	.25	.65	-
1626-20	8.0 to 24	.50	1.20	-
1627-1	.15 to 1.5	.10	.20	0.5
1627-5	.5 to 6.0	.15	.35	1.2
1627-10	2.0 to 11	.25	.65	2.3
1627-20	8.0 to 24	.50	1.20	5.0

## SPECIFICATIONS

**Service:** Air and non-combustible, compatible gases.

**Wetted Materials:** Consult factory.

**Temperature Limits:** -30 to 130°F (-34.4 to 54.4°C).

**Pressure Limits:** Max. 50 in w.c. (12.44 kPa) continuous, 2 psig (13.79 kPa) surge.

**Switch Type:** 1626 SPDT; 1627, (2) SPDT.

**Repeatability:**  $\pm 1\%$ .

**Electrical Rating:** 15 A @ 120-480 VAC, 60 Hz. Resistive, 1/8 HP @ 125 VAC, 1/4 HP @ 250 VAC, 60 Hz.

**Electrical Connections:** 3 screw type, common, normally open and normally closed.

**Process Connections:** 1/8" female NPT.

**Mounting Orientation:** Diaphragm in vertical position. Consult factory for other position orientations.

**Set Point Adjustment:** Screw adjustment.

**Weight:** Model 1626, 3 lb, 9.8 oz (1.64 kg); Model 1627, 3 lb, 11.8 oz (1.69 kg).

**Agency Approvals:** CE.

## ACCESSORIES

Model	Description
A-489	4" straight static pressure tip with flange
A-302F-A	303 SS static pressure tip with mounting flange; for 3/16" ID rubber or plastic tubing; 4" insertion depth; includes mounting screws

## OPTION

To order add suffix:	Description
-MIL	MIL environmental construction