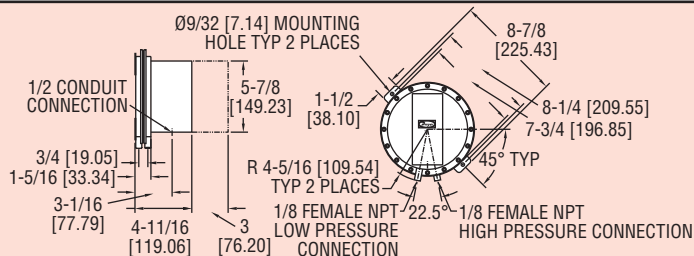




Series  
1620

# Single and Dual Pressure Switches

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



**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.

## 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, single-pole double-throw (SPDT); 1627, two single-pole double-throw (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

**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

**A-489**, 4" Straight Static Pressure Tip with Flange

Model (1626 shown, 1627 similar)	Operating Range in w.c.	Approx. Deadband		Adj. Diff. Between Set Points (1627 Only)
		Min.	Max.	
1626-1	.15 to 1.5	.10	.20	0.5
1626-5	.5 to 6.0	.15	.35	1.2
1626-10	2.0 to 11	.25	.65	2.3
1626-20	8.0 to 24	.50	1.20	5.0