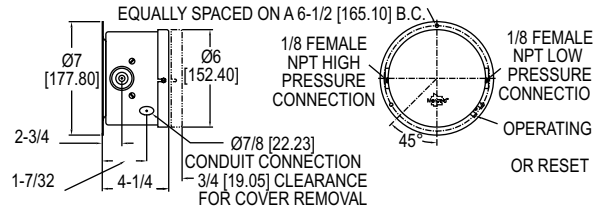


DOUBLE BELLOWS DIFFERENTIAL PRESSURE SWITCH

Visible Set Points, Adjustable or Fixed Deadband, High Pressure Ranges



Two opposing bellows combine maximum sensitivity and vibration resistance at a moderate cost in the **Series DP Double Bellows Differential Pressure Switch**. Both set and reset points are easily adjustable through non-interactive, externally accessible controls. Visible set point indicators simplify changes. SPDT snap action switch, 316 stainless steel or brass bellows, flanged steel housing. Rated pressures to 600 psig.

BENEFITS/FEATURES

- Bellows switch design provides sensitivity to pressure changes but resists vibration preventing out of range switching
- External access to set and reset controls makes for easy adjustments
- Visible set point indicators simplify changes

APPLICATIONS

- Accurate switch triggers in high pressure applications

SPECIFICATIONS

Wetted Materials: Brass on ranges 61, 62, 63 or 316 SS on ranges 62E, 64E, 65E.

Temperature Limits: -10 to 180°F (-23 to 82°C).

Pressure Limit: Maximum pressure of the operating range.

Enclosure Rating: General purpose. Weatherproof or explosion-proof optional.

Switch Type: Snap switch. (Contact factory for mercury switch).

Electrical Rating: See model chart.

Electrical Connection: Screw terminal.

Conduit Connection: General purpose: 1/2" hole for conduit hub; Weatherproof: 1/2" conduit hub; Explosion-proof: 3/4" female NPT.

Process Connection: General purpose and weatherproof: 1/8" female NPT, explosion-proof: 1/4" male NPT.

Mounting Orientation: Vertical.

Set Point Adjustment: Thumbscrew. **Weight:** General purpose: 5 lb (2.3 kg), weatherproof: 7 lb (3 kg), explosion-proof: 25 lb (11 kg).

Deadband: See model chart.

Compliance: CE, cULus.

MODEL CHART

Bellows Material	Range, psid (bar)	Max. Press, psig (bar)	Adjustable Deadband		Fixed Deadband	
			Snap Action Switch SPDT, 15A @ 120/240 VAC		Snap Action Switch SPDT, 15A @ 120/240 VAC	
			Min. D.B. psid (bar)	Model	Fixed D.B. psid (bar)	Model
Brass	0-10 (0-0.7)	50 (3.5)	1.5 (.10)	DPA-7033-153-61	0.5 (.03)	DPS-7233-153-61
Brass	0-20 (0-1.4)	100 (6.9)	2.5 (.17)	DPA-7033-153-62	1.0 (.07)	DPS-7233-153-62
Brass	0-30 (0-2.1)	300 (20.7)	6.0 (.41)	DPA-7033-153-64	1.5 (.10)	DPS-7233-153-64
316 SS	0-20 (0-1.4)	100 (6.9)	3.0 (.21)	DPA-7043-153-62E	1.5 (.10)	DPS-7243-153-62E
316 SS	0-30 (0-2.1)	300 (20.7)	6.0 (.41)	DPA-7043-153-64E	2.0 (.14)	DPS-7243-153-64E
316 SS	0-80 (0-5.5)	600 (41.4)	20 (1.4)	DPA-7043-153-65E	6.0 (.41)	DPS-7243-153-65E

OPTIONS

To order add suffix:	Description
E	Explosion-proof enclosure
W	Weatherproof enclosure
Example: DPAW-7033-153-61	

USA: California Proposition 65
WARNING: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.