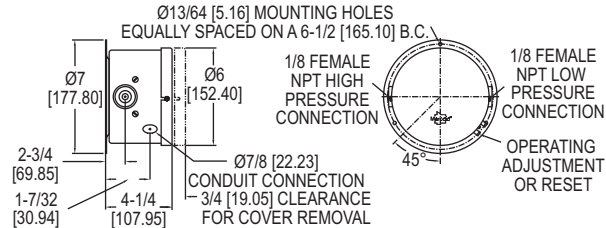
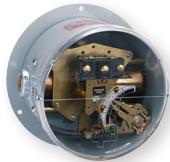


# DOUBLE BELLOWS DIFFERENTIAL PRESSURE SWITCH

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.

### FEATURES/BENEFITS

- 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.  
**Agency Approvals:** 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
W	Weatherproof enclosure
Example: DPAW-7033-153-61	
E	Explosion-proof enclosure
Example: DPAE-7033-153-61	

USA: California Proposition 65

⚠WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov