Diaphragm Operated Pressure Switches

Series AP
Visible Setpoint Adjustment, Compact

- Mercury switch units are not CE approved.
- Position and is vibration resistant.
- Visible set point and easy to wire SPDT snap switch reduce installation time. Operates in any position and is vibration resistant.
- Series CS and CD combine advanced design and precision construction in a small size. Unit is ideal for instrument panels, small compressors and general industrial applications. Visible set point and easy to wire SPDT snap switch reduce installation time. Operates in any position and is vibration resistant.

### SPECIFICATIONS

- **Wetted Materials:** Nylon reinforced Buna-N and steel. PTFE and 316 SS optional.
- **Temperature Limits:** -30 to 150°F (-35 to 66°C).
- **Pressure Limit:** See model chart.
- **Enclosure Rating:** General purpose. Weatherproof and explosion-proof optional.
- **Switch Type:** SPDT mercury switch or SPDT snap switch. Other switch types available.
- **Electrical Rating:** Mercury switch: 4A @ 120 VAC/DC, 2A @ 240 VAC/DC; Snap switch: 15A @ 120 VAC, 8A @ 240VAC, 0.5A @ 120 VDC, 0.25A @ 240 VDC.
- **Electrical Connections:** Screw terminal.
- **Process Connection:** 7/8" (22.23 mm) hole for 1/2” (12.7 mm) conduit hub.
- **Mounting Orientation:** Vertical for mercury switch models, any position for snap switch models.
- **Set Point Adjustment:** External screw.
- **Weight:** General purpose: 2 lbs. (0.9 kg). Deadband: See model chart.
- **Agency Approvals:** CE, UL, CSA. For FM consult factory. (Mercoid switch units are not CE approved.)

Reliable and convenient, series AP pressure switch is a compact switch for instrument air or other low pressure applications. Visible set point and external adjustment add convenience. Used on air, noncorrosive gas or liquid service compatible with wetted parts. Unit also available in weatherproof and explosion-proof housing.

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### Series CS and CD
Diaphragm Pressure Switches
Visible Set Points, Fixed or Adjustable Deadband

- Series CS and CD combine advanced design and precision construction in a small size. Unit is ideal for instrument panels, small compressors and general industrial applications. Visible set point and easy to wire SPDT snap switch reduce installation time. Operates in any position and is vibration resistant.

### SPECIFICATIONS

- **Wetted Materials:** Nylon reinforced Buna-N and steel. PTFE and 316 SS optional.
- **Temperature Limits:** -30 to 150°F (-35 to 66°C).
- **Pressure Limit:** 30 psig (2.1 bar) for ranges 1, 3, and 10; 50 psig (3.5 bar) for range 30; 175 psig (12.1 bar) for range 150.
- **Enclosure Rating:** General purpose.
- **Switch Type:** SPDT snap switch.
- **Electrical Rating:** 15A @ 120 VAC, 8A @ 240 VAC.
- **Electrical Connections:** Screw terminal.
- **Process Connection:** 1/2˝ hole for conduit hub.
- **Mounting Orientation:** Any position.
- **Set Point Adjustment:** Internal screw.
- **Weight:** 5 lb (2.3 kg).
- **Deadband:** See model chart.
- **Agency Approvals:** CE, UL.