The Series DX Wet/Wet Differential Pressure Switch makes a contact output based on the differential between two pressure sources. Wetted materials of brass and fluoroelastomer are suitable for use with most gases and water based solutions. The switch can be used for low differential pressure indication with set point on a decrease of pressure as low as 1 psid (0.07 bar). Differential set point ranges are available from 2.5 to 75 psid (0.17 to 5.17 bar) on decreasing differential pressure. Unit features a high static pressure rating of 200 psig (13.8 bar). Weatherproof, UL Type 4X, enclosure for dust laden, outdoor, or wash-down installation environments. Externally adjustable set point, integral mounting flange and a removable electrical terminal block for quick and easy installation.

FEATURES/BENEFITS
- Differential pressure switch that is suitable for most gas and water-based applications
- Easy installation.
- Accurate switch triggers in high pressure applications
- Visible set point indicators simplify changes

APPLICATIONS
- Indicating filter condition
- Proving flow through a chiller
- Ensuring switch’s long-service life
- Weatherproof housing provides protection in the harsh, wet or dirty environments
- Allows multiple uses in the most sophisticated designs
- Differential pressure switch that is suitable for most gas and water-based applications
- Series DX Wet/Wet Differential Pressure Switch

OPTIONS
- To order add suffix: Description Price
  - PRESET: Preset unit +$16.50

Example: DXW-11-153-1-PRESET

USA: California Proposition 65
△WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

SERIES DP | MERCOC® BY DWYER

DOUBLE BELLOWS DIFFERENTIAL PRESSURE SWITCH
Visible Setpoints, 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 setpoint 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
- Conductivity: General purpose
- Weatherproof: 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
- Adjustable Deadband
  - Fixed Deadband
    - Range (on increase)
      - (psid [bar])
    - Low Set Point
      - Fixed Deadband
        - (psid [bar])
    - High Set Point
      - Fixed Deadband
        - (psid [bar])
    - Price
  - Model
    - DPA-7033-153-64
    - DPA-7033-153-62
    - DPA-7033-153-61
    - DPA-7043-153-64E
    - DPA-7043-153-62E
    - DPA-7043-153-61E
    - DPS-7233-153-62
    - DPS-7233-153-61
    - DPS-7243-153-64E
    - DPS-7243-153-62E
    - DPS-7243-153-61E
    - DPA-7033-153-64
    - DPA-7033-153-62
    - DPA-7033-153-61
  - Price
    - $16.50
    - $148.30
    - $148.30
    - $148.30
    - $300.00
    - $300.00
    - $300.00
    - $300.00
    - $300.00
    - $300.00
  - To order add suffix: Description Price
    - W: Weatherproof enclosure +$199.00

USA: California Proposition 65
△WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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