WET/WET DIFFERENTIAL PRESSURE SWITCH
NEMA 4X Enclosure, Low Differential Set Points

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 increasing differential pressure and 1.0 to 67 psid (0.07 to 4.62 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
• Pressure differential switch that is suitable for most gas and water-based applications
• Indicating filter condition
• Proving flow through a chiller
• Proving flow through a pump
• Removable terminal block reduces installation time ensuring switch’s long-service life
• Proof of flow indicator monitoring
• Proving flow through a heat pump or AC unit
• Accurate switch triggers in high pressure applications
• Visible setpoint indicators simplify changes
• External access to set and reset controls makes for easy adjustments
• Bellows switch design provides sensitivity to pressure changes but resists vibration

APPLICATIONS
• Indicating filter condition
• Proving flow through a chiller
• Proving flow through a pump
• Proving flow through a heat pump or AC unit
• External access to set and reset controls makes for easy adjustments
• Bellows switch design provides sensitivity to pressure changes but resists vibration

OPTIONS
To order add suffix: Description
-PRESET  Preset unit
Example: DXW-11-153-1-PRESET

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

SERIES DX | MERCOID® 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

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

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