The SERIES DX is a differential pressure switch that 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

- Differential pressure switch that is suitable for most gas and water-based applications
- Removable terminal block reduces installation time
- Weatherproof housing provides protection in the harsh, wet or dirty environments
- Allows multiple uses in the most sophisticated designs

APPLICATIONS

- Indicating filter differential pressure
- Proving flow through a chiller
- Proving flow through a pump
- External access to set and rest controls makes for easy adjustments

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 DP | MERCOID® BY DWYER

DOUBLE BELLOWS DIFFERENTIAL PRESSURE SWITCHES

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 differential pressure switches. 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

- Accurate switch triggers in high pressure applications
- Externally adjustable set point, integral mounting flange
- Accurate switch triggers in high pressure applications

APPLICATIONS

- External access to set and rest controls makes for easy adjustments
- Visible setpoint indicators simplify changes

OPTIONS

To order add suffix: Description

- W Weatherproof enclosure
- E Explosion-proof enclosure

Example: DPAW-7033-153-E1

USA: California Proposition 65