SERIES 629C
WET/WET DIFFERENTIAL PRESSURE TRANSMITTERS
0.5% Accuracy, NEMA 4X (IP66) Enclosure

The Series 629C Wet/Wet Differential Pressure Transmitters monitor differential pressure of air and compatible gases and liquids with 0.5% accuracy. The design employs dual pressure sensors converting pressure changes into a standard 4-20 mA output signal or field selectable voltage. Small internal volume and minimal moving parts result in exceptional response and reliability. The terminal block, as well as a zero adjustment button, are easily accessed under the top cover. The Series 629C Differential Pressure Transmitter is designed to meet NEMA 4X (IP66) construction.

FEATURES/BENEFITS
• Powered by either DC or AC - take advantage of most readily available power source reducing installation costs
• Optional LCD does not need a separate power supply - lowers installed cost
• Optional LCD indicator provides local status to identify operational condition
• Process/HVAC controllers being used to monitor and control
• Selectable voltage range - provides flexible choice for changing design or inputs for
• Optional LCD does not need a separate power supply - lowers installed cost
• Remote sensor option reduces installation labor and material

APPLICATIONS
• Flow elements
• Heat exchangers
• Filters
• Pumps

SPECIFICATIONS
Accuracy: ±0.5% FS (includes linearity, hysteresis & repeatability).
Stability: ±1% FS/year.
Temperature Limits: 0 to 175°F (-18 to 79°C).
Compensated Temperature Limits: 0 to 175°F (-18 to 79°C).
Power Requirements: 2-wire: 15-35 VDC; 3-wire: 16-33 VDC or isolated 16-33 VAC (reverse polarity protected).
Output Signal: 2-wire: 4-20 mA; 3-wire: Field selectable 0-5, 1-5, 0-10, 2-10 VDC.

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

Note: 3V output is only available with -P2 process connection.

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

Dwyer INSTRUMENTS, INC. | dwyer-inst.com