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
• Selectable voltage range - provides flexible choice for changing design or inputs for process/HVAC controllers being used to monitor and control
• Push-button zero (versus trim pot) - more simple zeroing provides easy install and process/HVAC controllers being used to monitor and control
• Optional LCD indicator provides local status to identify operational condition
• Remote sensor option reduces installation labor and material

APPLICATIONS
• Flow elements
• Heat exchangers
• Chiller
• Coils
• Pumps

SPECIFICATIONS
Service: Compatible gases and liquids.
Accuracy: ±0.5% FS (includes linearity, hysteresis & repeatability).
Stability: ±1% FS/year.
Temperature Limits: 0 to 200°F (-18 to 93°C).
Compensated Temperature Limits: 0 to 175°F (-18 to 79°C).
Pressure Limits:
- Upper: 2000 psi
- Lower: 1000 psi

Output Signal: 2-wire: 4-20 mA; 3-wire: Field selectable 0-5, 1-5, 0-10, or 2-10 VDC.
Zero and Units: Push-buttons inside conduit enclosure.

WARNING: Cancer and Reproductive Harm
For more information, visit www.P65Warnings.ca.gov

Dwyer Instruments, Inc.

Series 629C
Wet/Wet differential pressure transmitter

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Range Number | Range | Working Pressure | Over Pressure |
01 | 0 to 5 psi | 10 psi | 50 psi |
02 | 0 to 10 psi | 20 psi | 50 psi |
03 | 0 to 25 psi | 50 psi | 120 psi |
04 | 0 to 50 psi | 100 psi | 250 psi |
05 | 0 to 100 psi | 200 psi | 500 psi |
06 | 0 to 150 psi | 300 psi | 750 psi |
07 | 0 to 200 psi | 400 psi | 1000 psi |
08 | 0 to 300 psi | 600 psi | 1200 psi |
09 | 0 to 500 psi | 1000 psi | 2000 psi |
10 | 0 to 0.5 bar differential | 1 bar | 3 bar |
11 | 0 to 1 bar differential | 2 bar | 8 bar |
12 | 0 to 2 bar differential | 4 bar | 8 bar |
13 | 0 to 4 bar differential | 8 bar | 18 bar |
14 | 0 to 8 bar differential | 12 bar | 18 bar |
15 | 0 to 16 bar differential | 20 bar | 50 bar |
16 | 0 to 32 bar differential | 40 bar | 80 bar |
17 | 0 to 64 bar differential | 80 bar | 120 bar |

Note: Over pressure of all models with 3-way valve is 100 psi.

USA: California Proposition 65
WARNING: Cancer and Reproductive Harm
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ACCESSORIES

Model | Description
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A-155 | Cable gland with 1/2” NPT male
A-229 | 12” SS flex hose
A-62X-LCD | Field-upgradable LCD
BBV-1B | Mini SS 3-valve block manifold

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Agency Approvals: CE.