Monitor differential pressure in air/liquid flow systems, HVAC automation, pneumatic systems and process control with the Series 647 Wet/Wet Differential Pressure Transmitter. Units are temperature compensated and provide a 4-20 mA output signal which can be interfaced with chart recorders, data loggers and computerized monitoring and control systems.

FEATURES/BENEFITS
- Versatile for liquid or gas supports designs requiring more precise measurements in support of application
- Temperature compensated improves performance of device for accurate measurement under different operating environments.
- Output signal provides capability to interface with automation systems to centralize monitoring

APPLICATIONS
- Flow
- HVAC automation
- Process control
- Pneumatic systems

SPECIFICATIONS
- Service: Compatible gases or liquids on both pressure and reference sides.
- Wetted Materials: Brass, vinyl, glass-filled polyester, silicon, and fluorosilicone.
- Accuracy: ±1.0% FS.
- Stability: ±1.5% FS output/year.
- Temperature Limits: 32 to 122°F (0 to 50°C).
- Pressure Limits: Ranges 1 in w.c. to 5 psi: 20 psi, 15 psi range: 45 psi, 30 psi range: 60 psi.
- Thermal Effects: Zero: ±0.05% FS/°F, Span: ±0.05% rdg/°F.
- Power Requirements: 18-30 VDC.
- Output Signal: 4-20 mA, 2-wire.
- Zero and Span Adjustments: Adjustable, ±10%.
- Loop Resistance: 400Ω @ 18 VDC, 600Ω @ 24 VDC, 1000Ω @ 30 VDC.
- Electrical Connection: Screw terminals, reverse polarity protected.
- Process Connections: Two 1/8˝ female NPT.
- Housing: Gasketed steel epoxy painted, NEMA 4 (IP56).
- Weight: 14 oz (397 g).

MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
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<tbody>
<tr>
<td>647-0</td>
<td>0 to 1 in w.c.</td>
<td>$605.00</td>
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<tr>
<td>647-1</td>
<td>0 to 3 in w.c.</td>
<td>$446.00</td>
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<tr>
<td>647-2</td>
<td>0 to 25 in w.c.</td>
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<tr>
<td>647-3</td>
<td>0 to 5 in w.c.</td>
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<td>647-4</td>
<td>0 to 10 in w.c.</td>
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OPTIONS

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<tbody>
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<td>NISTCAL-PT1</td>
<td>NIST traceable calibration certificate</td>
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USA: California Proposition 65
\(\wedge\)WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov