Differential Pressure Transmitters

**APPLICATIONS**

- HVAC equipment
- Liquid level measurement
- Process control
- Filter monitoring

**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

**SERIES 645**

**WET/WET DIFFERENTIAL PRESSURE TRANSMITTER**

Ranges from 0 to 25 in w.c., ±1.0% Accuracy, NEMA 4 (IP56) Enclosure, 2-Wire

**SERIES 647**

**WET/WET DIFFERENTIAL PRESSURE TRANSMITTER**

±0.25% Accuracy, Quick Response, 2-Wire Design

### 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% FS/°F.

### OPTIONS

- **Use order code:** Description
- **Price**

<table>
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<tr>
<th>Model</th>
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<td>0 to 1 in w.c.</td>
<td>$570.00</td>
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<td>0 to 25 in w.c.</td>
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**USA:** California Proposition 65

**WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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### SPECIFICATIONS

- **Service:** Compatible gases or liquids on both pressure and reference sides.
- **Wetted Materials:** Stainless steel, 300 Series stainless steel, fluoroelastomer and silicone O-rings and bleed screw seals.
- **Accuracy:** ±0.25% FS (RSS).
- **Temperature Limits:** Operating: 0 to 175°F (-22 to 80°C); Storage: -65 to 325°F (-54 to 172°C).
- **Pressure Limits:** (High side) 1 to 5 psi: 20 psi, 10 to 25 psi: 10 psi, 50 psi: 5 psi, 50 psi, 100 psi, 2.5 psi X FS; (low side) 2.5 psi X FS.
- **Thermal Effects:** (includes zero and span) ±0.002% FS/°F, 30 to 150°F (-1 to 65°C).
- **Power Requirements:** 11 to 30 VDC.
- **Output Signal:** 4 to 20 mA, 2-wire.

### OPTIONS

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- **Price**

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