### Differential Pressure

#### Pressure Gages

<table>
<thead>
<tr>
<th>SERIES</th>
<th>DM-1000</th>
<th>2-5000</th>
<th>4000</th>
<th>PTGD</th>
<th>PFG2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ranges</td>
<td>-0.05 to 0.2 in w.c. (-10 to 50 Pa) up to 0 to 30 psi (0 to 206 kPa)</td>
<td>0.05 to 100 in w.c. (0.677 bar to 2488 kPa)</td>
<td>0 to 5 in w.c. up to 0 to 2 psi (0 to 13.8 kPa)</td>
<td>0 to 150 psi (0 to 10 bar)</td>
<td>0 to 25 psi</td>
</tr>
<tr>
<td>Service</td>
<td>Air and non-combustible, compatible gases</td>
<td>Air and non-combustible, compatible gases</td>
<td>Air and compatible gases and oil based liquids</td>
<td>Compatible gases and liquids</td>
<td>Liquid/gases compatible with SS, GF, and fluoropolymer</td>
</tr>
<tr>
<td>Welded Materials</td>
<td>Consult factory</td>
<td>Consult factory</td>
<td>Consult factory</td>
<td>Aluminum or 316 SS, kovar, Bunite, Ptfe, or ceramic</td>
<td>Aluminum mounting block</td>
</tr>
<tr>
<td>Housing</td>
<td>Die cast aluminum case and bezel</td>
<td>Glass filled plastic</td>
<td>Glass filled nylon</td>
<td>Die cast aluminum with impregnated hard coating</td>
<td>Aluminum or 316 SS</td>
</tr>
<tr>
<td>Lens</td>
<td>Clear acrylic</td>
<td>N/A</td>
<td>Clear acrylic</td>
<td>N/A</td>
<td>Acrylic</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±0.5% FS for most models: ±1% FS on all others</td>
<td>±0.5% FS</td>
<td>±0.2% FS (±0.4% for certain ranges)</td>
<td>±0.3% FS</td>
<td>±0.5% FS</td>
</tr>
<tr>
<td>Pressure Limits</td>
<td>30 psi (0.2 MPa) for 6 in w.c.</td>
<td>2 psi (14 kPa) for ≤5 in w.c.</td>
<td>1 psi (6.9 kPa) for ≥10 in w.c.</td>
<td>30 psi (0.2 MPa)</td>
<td>2 psi (14 kPa) for ≤5 in w.c.</td>
</tr>
<tr>
<td>Temperature Limits</td>
<td>-20°F (-29°C) to 200°F (93°C)</td>
<td>-20°F (-29°C) to 200°F (93°C)</td>
<td>-20°F (-29°C) to 200°F (93°C)</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Process Connection</td>
<td>1/8” female NPT duplicate high and low pressure taps</td>
<td>1/8” female NPT</td>
<td>1/4” female NPT</td>
<td>1/4” female NPT</td>
<td>1/8” female NPT</td>
</tr>
<tr>
<td>Enclosure Rating</td>
<td>NEMA-4X (IP66)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### DIFFERENTIAL PRESSURE

#### Bezels

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Accessory</td>
<td>Bezel</td>
<td>Bezel</td>
<td>Bezel</td>
<td>Bezel</td>
</tr>
<tr>
<td>Material</td>
<td>304 stainless steel</td>
<td>304 stainless steel</td>
<td>Chrome plated brass</td>
<td>304 brushed stainless steel</td>
</tr>
<tr>
<td>Dimensions</td>
<td>4-3/4” (120.7 mm) OD</td>
<td>4-3/4” (120.7 mm) OD</td>
<td>4-3/4” (120.7 mm) OD</td>
<td>4-3/4” (120.7 mm) OD</td>
</tr>
<tr>
<td>Aesthetic/Function</td>
<td>Opened brushed/matte SS finish</td>
<td>Electro polished Ra 18</td>
<td>Chrome finish</td>
<td>Taped brushed/matte SS finish</td>
</tr>
<tr>
<td>Part Sold Separately</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Part Number</td>
<td>200147-40</td>
<td>200147-10</td>
<td>200141-00</td>
<td>B15599-10</td>
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</table>
Differential Pressure

**Accessories**

<table>
<thead>
<tr>
<th>SERIES</th>
<th>AHU1/2</th>
<th>A-464</th>
<th>A-320-A</th>
<th>Scale Customization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accessory</td>
<td>Surface mounting kit</td>
<td>Flush mounting kit</td>
<td>Enclosure</td>
<td>Customized logos/company name</td>
</tr>
<tr>
<td>Orientation</td>
<td>6-1/2&quot; x 6-1/2&quot;</td>
<td>6-1/2&quot; x 6-1/2&quot;</td>
<td>4-23/32&quot; x 3-37/64&quot; x 6-19/64&quot;</td>
<td>N/A</td>
</tr>
<tr>
<td>Mounting Orientation</td>
<td>Surface</td>
<td>Flush</td>
<td>Surface</td>
<td>N/A</td>
</tr>
<tr>
<td>Aesthetics/Function</td>
<td>Quick install accessory</td>
<td>Classroom mount</td>
<td>Quick install kit</td>
<td>Customize your application</td>
</tr>
<tr>
<td>Part Sold Separately</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>N/A</td>
</tr>
<tr>
<td>Part Number</td>
<td>A-807A-807 with A-461</td>
<td>A-464</td>
<td>A-320-A</td>
<td>N/A</td>
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</tbody>
</table>

**Pressure Gages/Switches**

<table>
<thead>
<tr>
<th>SERIES</th>
<th>OH</th>
<th>DH</th>
<th>OH3</th>
<th>A3000</th>
<th>43000</th>
<th>3000MR</th>
<th>3000MRS</th>
<th>MP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ranges</td>
<td>0 to 150 in w.c. (0 to 30 kPa)</td>
<td>0 to 100 in w.c. (0 to 24.88 kPa)</td>
<td>0 to 100 in w.c. (0 to 24.88 kPa)</td>
<td>0 to 100 in w.c. (0 to 24.88 kPa)</td>
<td>0 to 100 in w.c. (0 to 24.88 kPa)</td>
<td>0 to 100 in w.c. (0 to 24.88 kPa)</td>
<td>0 to 100 in w.c. (0 to 24.88 kPa)</td>
<td>0 to 100 in w.c. (0 to 24.88 kPa)</td>
</tr>
<tr>
<td>Service</td>
<td>Air and non-combustible, compatible gases</td>
<td>Air and non-combustible, compatible gases</td>
<td>Air and non-combustible, compatible gases</td>
<td>Air and non-combustible, compatible gases</td>
<td>Air and non-combustible, compatible gases</td>
<td>Air and non-combustible, compatible gases</td>
<td>Air and non-combustible, compatible gases</td>
<td>Air and non-combustible, compatible gases</td>
</tr>
<tr>
<td>Wetted Materials</td>
<td>Consult factory</td>
<td>Consult factory</td>
<td>Consult factory</td>
<td>Consult factory</td>
<td>Consult factory</td>
<td>Consult factory</td>
<td>Consult factory</td>
<td>Consult factory</td>
</tr>
<tr>
<td>Housing</td>
<td>Aluminum, glass</td>
<td>ABS plastic</td>
<td>ABS plastic</td>
<td>Die cast aluminum case and bezel</td>
<td>Die cast aluminum case and bezel</td>
<td>Die cast aluminum case and bezel</td>
<td>Die cast aluminum case and bezel</td>
<td>Die cast aluminum case and bezel</td>
</tr>
<tr>
<td>Switch Type</td>
<td>2 x SPDT</td>
<td>2 x SPDT</td>
<td>2 x SPDT</td>
<td>2 x SPDT</td>
<td>2 x SPDT</td>
<td>2 x SPDT</td>
<td>2 x SPDT</td>
<td>2 x SPDT</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±0.5% FS</td>
<td>±0.5% FS</td>
<td>±0.5% FS</td>
<td>±1% or ±1.5% for certain ranges</td>
<td>±2% FS</td>
<td>±2% FS</td>
<td>±2% FS</td>
<td>±2% FS</td>
</tr>
<tr>
<td>Pressure Limits</td>
<td>2 psi (≤2.5 in w.c.); 5 psi (5 to 50 in w.c.); 9 psi (100 in w.c.)</td>
<td>2 psi (≤2.5 in w.c.); 5 psi (5 to 50 in w.c.); 9 psi (100 in w.c.)</td>
<td>2 psi (≤2.5 in w.c.); 5 psi (5 to 50 in w.c.); 9 psi (100 in w.c.)</td>
<td>2 psi (≤2.5 in w.c.); 5 psi (5 to 50 in w.c.); 9 psi (100 in w.c.)</td>
<td>-20˝ Hg to 500 psig (-0.677 bar to 34.5 bar)</td>
<td>-20˝ Hg to 25 psig (-0.677 bar to 1.72 bar)</td>
<td>-20˝ Hg to 25 psig (-0.677 bar to 1.72 bar)</td>
<td>30 psig (2.067 bar)</td>
</tr>
<tr>
<td>Temperature Limits</td>
<td>-40 to 140°F (-40 to 60°C)</td>
<td>-40 to 140°F (-40 to 60°C)</td>
<td>-40 to 140°F (-40 to 60°C)</td>
<td>-40 to 140°F (-40 to 60°C)</td>
<td>-40 to 140°F (-40 to 60°C)</td>
<td>-40 to 140°F (-40 to 60°C)</td>
<td>-40 to 140°F (-40 to 60°C)</td>
<td>-40 to 140°F (-40 to 60°C)</td>
</tr>
<tr>
<td>Enclosure Rating</td>
<td>NEMA 4 (IP66)</td>
<td>NEMA 4X (IP66)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Aesthetics/Function</td>
<td>Quick install accessory</td>
<td>Cleanroom mount</td>
<td>Quick install kit</td>
<td>Customize your application</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Part Sold Separately</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Part Number</td>
<td>A-607A-607 with A-461</td>
<td>A-464</td>
<td>A-320-A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

These Selection Guides are for quick comparison of similar products. Please refer to the website for complete product information and specifications.
### Low Differential Pressure Pressure Switches

#### Series ADPS
- **Set Point Range**: 0.08 to 20 in w.c. (20 to 5000 Pa)
- **Service**: Compatible gases
- **Wetted Materials**: Silicone, PA 6.6, and Polystyrene
- **Temperature Limits**: -4 to 185°F (-20 to 85°C)
- **Pressure Limits**: 40 in w.c. (10 kPa)
- **Power Requirement**: None
- **Enclosure Rating**: GP
- **Switch Type**: SPDT
- **Multiple Stages**: No
- **Process Connection**: Hose connection for 5/16” OD and 1/4” ID tubing

#### Series EDPS
- **Set Point Range**: 0.08 to 20 in w.c. (20 to 5000 Pa)
- **Service**: Compatible gases
- **Wetted Materials**: Silicone, PA 6.6, and polyurethane
- **Temperature Limits**: -4 to 185°F (-20 to 85°C)
- **Pressure Limits**: 40 in w.c. (10 kPa)
- **Power Requirement**: None
- **Enclosure Rating**: GP
- **Switch Type**: SPDT
- **Multiple Stages**: No
- **Process Connection**: Hose connection for 5/16” OD and 1/4” ID tubing

#### Series 1800
- **Set Point Range**: 0.08 to 20 in w.c. (20 to 5000 Pa)
- **Service**: Air or compatible fluids on “high side”
- **Wetted Materials**: Silicone, PA 6.6, and Polystyrene
- **Temperature Limits**: -4 to 185°F (-20 to 85°C)
- **Pressure Limits**: 45 in w.c. (11.2 kPa)
- **Power Requirement**: None
- **Enclosure Rating**: GP
- **Switch Type**: SPST NO
- **Multiple Stages**: No
- **Process Connection**: Hose connection for 5/16” OD and 1/4” ID tubing

#### Series 1900
- **Set Point Range**: 0.07 to 85 in w.c. (.017 to 21 kPa)
- **Service**: Compatible gases
- **Wetted Materials**: Polycarbonate and polyurethane
- **Temperature Limits**: -4 to 185°F (-20 to 85°C)
- **Pressure Limits**: 45 in w.c. (11.2 kPa)
- **Power Requirement**: None
- **Enclosure Rating**: GP
- **Switch Type**: SPDT
- **Multiple Stages**: No
- **Process Connection**: Hose connection for 5/16” OD and 1/4” ID tubing

#### Series MDS
- **Set Point Range**: 0.5 to 50 in w.c. (.12 to 12.5 kPa)
- **Service**: Air or compatible fluids on “high side”
- **Wetted Materials**: Polycarbonate and polyurethane
- **Temperature Limits**: -4 to 185°F (-20 to 85°C)
- **Pressure Limits**: 40 in w.c. (10 kPa)
- **Power Requirement**: None
- **Enclosure Rating**: GP
- **Switch Type**: SPST NO
- **Multiple Stages**: No
- **Process Connection**: Hose connection for 5/16” OD and 1/4” ID tubing

#### Series MDA
- **Set Point Range**: 0.1 to 100 in w.c. (.25 to 249.1 mbar)
- **Service**: Air or compatible fluids on “high side”
- **Wetted Materials**: Polycarbonate and polyurethane
- **Temperature Limits**: -4 to 185°F (-20 to 85°C)
- **Pressure Limits**: 40 in w.c. (10 kPa)
- **Power Requirement**: None
- **Enclosure Rating**: GP
- **Switch Type**: SPST NO
- **Multiple Stages**: No
- **Process Connection**: Hose connection for 5/16” OD and 1/4” ID tubing

#### Series 1831
- **Set Point Range**: 2.5 to 23 in w.c. (.62 to 5.7 kPa)
- **Service**: Air or compatible fluids on “high side”
- **Wetted Materials**: Polycarbonate and polyurethane
- **Temperature Limits**: -4 to 185°F (-20 to 85°C)
- **Pressure Limits**: 40 in w.c. (10 kPa)
- **Power Requirement**: None
- **Enclosure Rating**: GP
- **Switch Type**: SPST NO
- **Multiple Stages**: Yes
- **Process Connection**: Hose connection for 5/16” OD and 1/4” ID tubing

#### Series 1640
- **Set Point Range**: 0.01 to 12 in w.c. (.003 to 3 kPa)
- **Service**: Air or compatible fluids on “high side”
- **Wetted Materials**: Polycarbonate and polyurethane
- **Temperature Limits**: -4 to 110°F (-20 to 43°C)
- **Pressure Limits**: 40 in w.c. (10 kPa)
- **Power Requirement**: None
- **Enclosure Rating**: GP
- **Switch Type**: SPST NO
- **Multiple Stages**: Yes
- **Process Connection**: Hose connection for 5/16” OD and 1/4” ID tubing

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### LOW DIFFERENTIAL PRESSURE - NON-INDICATING

**Pressure Transmitters and Transducers**

<table>
<thead>
<tr>
<th>SERIES</th>
<th>616KD</th>
<th>668B/D</th>
<th>608</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ranges</strong></td>
<td>1 to 20 in w.c. (250 to 5000 Pa) (Bi-directional available)</td>
<td>1 to 100 in w.c. (25 to 25000 Pa) (Bi-directional available)</td>
<td>0.1 to 25 in w.c. (25 to 6200 Pa) (Bi-directional available)</td>
</tr>
<tr>
<td><strong>Accuracy</strong></td>
<td>±0.25% FS</td>
<td>±0.5% or ±0.25% FS</td>
<td>±0.5% or ±0.25% FS</td>
</tr>
<tr>
<td><strong>Wetted Materials</strong></td>
<td>Consult factory</td>
<td>Consult factory</td>
<td>Consult factory</td>
</tr>
<tr>
<td><strong>Temp. Limits</strong></td>
<td>-40 to 122°F (-40 to 50°C)</td>
<td>-40 to 170°F (-40 to 77°C)</td>
<td>-40 to 170°F (-40 to 77°C)</td>
</tr>
<tr>
<td><strong>Output Signal</strong></td>
<td>4 to 20 mA or field selectable 6 to 10 to 10 to 1 to 5 V</td>
<td>4 to 20 mA or 0 to 10 VDC, or 0 to 5 VDC</td>
<td>4 to 20 mA or 0 to 10 VDC, or 0 to 5 VDC</td>
</tr>
<tr>
<td><strong>Enclosure Rating</strong></td>
<td>NEMA 1 (IP20)</td>
<td>NEMA 1 (IP20)</td>
<td>NEMA 4X (IP66)</td>
</tr>
</tbody>
</table>

**SERIES**

**616W**

| **Ranges** | 6 in w.c. to 2.5 kPa | .1 to 5 in w.c. (Bi-directional available) | .1 in w.c. to 28 in w.c. (25 Pa to 6975 Pa) (Bi-directional available) |
| **Accuracy** | ±0.25% FS, display accuracy ±0.5% | ±1% FS | ±1% or ±2% FS |
| **Wetted Materials** | Consult factory | Consult factory | Consult factory |
| **Temp. Limits** | N/A | 32 to 120°F (0 to 48.9°C) | 32 to 140°F (0 to 60°C) |
| **Output Signal** | 4-20 mA (2-wire), 0-5 VDC, or 0-10 VDC (3-wire) | 4-20 mA, 0-5 VDC, 0-10 VDC (3-wire) | 4-20 mA DC |
| **Enclosure Rating** | NEMA 4X (IP66) | NEMA 4X (IP66) | NEMA 4X (IP66) |

**SERIES**

**605**

| **Ranges** | 1 to 9 in w.c. (25 to 2250 Pa) (Bi-directional available) | 1 to 9 in w.c. (25 to 2250 Pa) (Bi-directional available) | 1 to 9 in w.c. (25 to 2250 Pa) (Bi-directional available) |
| **Accuracy** | ±0.25% FS | ±0.5% or ±0.25% FS | ±0.5% or ±0.25% FS |
| **Wetted Materials** | Consult factory | Consult factory | Consult factory |
| **Temp. Limits** | N/A | 32 to 120°F (0 to 48.9°C) | 32 to 140°F (0 to 60°C) |
| **Output Signal** | 4-20 mA (2-wire), 0-5 VDC, or 0-10 VDC (3-wire) | 4-20 mA, 0-5 VDC, 0-10 VDC (3-wire) | 4-20 mA DC |
| **Enclosure Rating** | NEMA 4X (IP66) | NEMA 4X (IP66) | NEMA 4X (IP66) |

These Selection Guides are for quick comparison of similar products. Please refer to the website for complete product information and specifications.
## WET-WET DIFFERENTIAL PRESSURE
### Pressure Transmitters and Transducers

### SERIES 3100
- **Ranges**: -235 to 160 in w.c. (-60 to 40 kPa), -30˝ Hg to 1000 psi (-1 to 70 bar), 30˝ Hg to 20,000 psi (-100 to 135,000 kPa)
- **Wetted Materials**: Brass, bronze or SS, 316L SS, Bourdon tube
- **Housing**: LPG4: Drawn Steel; LPG5: Chrome plated
- **Accuracy**: LPG4 ±1.5% FS; LPG5 ±3% FS
- **Pressure Limits**: 100% FS
- **Temperature Limits**: Ambient: -40 to 140°F (-40 to 60°C); LPG5 -4 to 140°F (-20 to 60°C)
- **Process Connection**: 1/4˝ male NPT
- **Enclosure Rating**: N/A

### SERIES 636D
- **Ranges**: -235 to 160 in w.c. (-60 to 40 kPa), -30˝ Hg to 1000 psi (-1 to 70 bar), 30˝ Hg to 20,000 psi (-100 to 135,000 kPa)
- **Wetted Materials**: Brass, bronze or SS
- **Housing**: 304 SS
- **Accuracy**: ±1.5% FS
- **Pressure Limits**: 100% FS
- **Temperature Limits**: Ambient: -40 to 140°F (-40 to 60°C); LPG5 -4 to 140°F (-20 to 60°C)
- **Process Connection**: 1/4˝ male NPT
- **Enclosure Rating**: NEMA 4

### SERIES 629C
- **Ranges**: 0 to 5 psid to 500 psid (0.5 to 30 bar)
- **Wetted Materials**: 316, 316L SS, Brass 360, Copper, Reinforcement axial coil spring
- **Housing**: Brass, vinyl, glass-filled polyester, silicon, florosilicone
- **Accuracy**: ±1.5% FS
- **Pressure Limits**: 100% FS
- **Temperature Limits**: -4 to 140°F (-20 to 60°C)
- **Process Connection**: 1/4˝ female NPT
- **Enclosure Rating**: IP65 (NEMA 4)

### SERIES 629HL.P
- **Ranges**: 0 to 100 psid (0.07 to 6.5 bar)
- **Wetted Materials**: Brass, vinyl, glass-filled polyester, silicon, florosilicone
- **Housing**: Chrome plated
- **Accuracy**: ±1.5% FS
- **Pressure Limits**: 100% FS
- **Temperature Limits**: -4 to 140°F (-20 to 60°C)
- **Process Connection**: 1/4˝ female NPT
- **Enclosure Rating**: IP65 (NEMA 4)

### SERIES 647
- **Ranges**: 0 to 5 psid to 500 psid (0.5 to 30 bar)
- **Wetted Materials**: Brass, bronze or SS, 316, 316L SS, Brass 360, Copper, Reinforcement axial coil spring
- **Housing**: Brass, vinyl, glass-filled polyester, silicon, florosilicone
- **Accuracy**: ±1.5% FS
- **Pressure Limits**: 100% FS
- **Temperature Limits**: -4 to 140°F (-20 to 60°C)
- **Process Connection**: 1/4˝ female NPT
- **Enclosure Rating**: IP65 (NEMA 4)

### SERIES 645
- **Ranges**: 0 to 100 psid (0.07 to 6.5 bar)
- **Wetted Materials**: Brass, bronze or SS, 316, 316L SS, Brass 360, Copper, Reinforcement axial coil spring
- **Housing**: Chrome plated
- **Accuracy**: ±1.5% FS
- **Pressure Limits**: 100% FS
- **Temperature Limits**: -4 to 140°F (-20 to 60°C)
- **Process Connection**: 1/4˝ female NPT
- **Enclosure Rating**: IP65 (NEMA 4)

### SERIES WWDP
- **Ranges**: 0 to 100 psid (0.07 to 6.5 bar)
- **Wetted Materials**: Brass, bronze or SS, 316, 316L SS, Brass 360, Copper, Reinforcement axial coil spring
- **Housing**: Chrome plated
- **Accuracy**: ±1.5% FS
- **Pressure Limits**: 100% FS
- **Temperature Limits**: -4 to 140°F (-20 to 60°C)
- **Process Connection**: 1/4˝ female NPT
- **Enclosure Rating**: IP65 (NEMA 4)

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### SINGLE PRESSURE
#### Pressure Gages

### SERIES LPG4.LPG5
- **Ranges**: -235 to 160 in w.c. (-60 to 40 kPa), -30˝ Hg to 1000 psi (-1 to 70 bar), 30˝ Hg to 20,000 psi (-100 to 135,000 kPa)
- **Wetted Materials**: Brass, bronze or SS
- **Housing**: 316L SS, Bourdon tube
- **Accuracy**: ±1.5% FS
- **Pressure Limits**: 100% FS
- **Temperature Limits**: Ambient: -40 to 140°F (-40 to 60°C); LPG5 -4 to 140°F (-20 to 60°C)
- **Process Connection**: 1/4˝ male NPT
- **Enclosure Rating**: N/A

### SERIES SGY & SGZ
- **Ranges**: 0 to 100 psid (0.07 to 6.5 bar)
- **Wetted Materials**: Brass, bronze or SS
- **Housing**: 316L SS, Bourdon tube
- **Accuracy**: ±1.5% FS
- **Pressure Limits**: 100% FS
- **Temperature Limits**: Ambient: -40 to 140°F (-40 to 60°C); LPG5 -4 to 140°F (-20 to 60°C)
- **Process Connection**: 1/4˝ male NPT
- **Enclosure Rating**: NEMA 4

### SERIES 765
- **Ranges**: 0 to 20,000 psi (135,000 kPa)
- **Wetted Materials**: Brass, bronze or SS
- **Housing**: 316L SS, Bourdon tube
- **Accuracy**: ±1.5% FS
- **Pressure Limits**: 100% FS
- **Temperature Limits**: Ambient: -40 to 140°F (-40 to 60°C); LPG5 -4 to 140°F (-20 to 60°C)
- **Process Connection**: 1/4˝ male NPT
- **Enclosure Rating**: NEMA 4
## HIGH SINGLE PRESSURE - INDICATING

Pressure Transmitters and Transducers

<table>
<thead>
<tr>
<th>SERIES</th>
<th>DSGT</th>
<th>EDA</th>
<th>626/628-CB</th>
<th>IWP</th>
<th>3200G</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ranges</td>
<td>30 to 25,000 psig and compound ranges</td>
<td>30 to 30,000 psig</td>
<td>up to 5000 psig, 6000 psig, 18 bar abs, 50 bar</td>
<td>30 to 1000 psig</td>
<td>30 to 3500 psig</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±0.25% FS</td>
<td>±1% FS</td>
<td>±0.25% FS: ±0.25% FS: ±0.25% FS</td>
<td>±0.5% FS</td>
<td>±0.75% FS</td>
</tr>
<tr>
<td>Wetted Materials</td>
<td>316L SS</td>
<td>316L SS</td>
<td>316L, 316L SS</td>
<td>316L SS</td>
<td>316L SS</td>
</tr>
<tr>
<td>Comp. Temp. Limits</td>
<td>N/A</td>
<td>120°F (49°C)</td>
<td>120°F (49°C)</td>
<td>32°F to 200°F (-20 to 93°C)</td>
<td>N/A</td>
</tr>
<tr>
<td>Gage Temp. Limits</td>
<td>32°F to 200°F (-20 to 93°C)</td>
<td>120°F (49°C)</td>
<td>120°F (49°C)</td>
<td>32°F to 200°F (-20 to 93°C)</td>
<td>32°F to 200°F (-20 to 93°C)</td>
</tr>
<tr>
<td>Output Signal</td>
<td>4-20 mA</td>
<td>4-20 mA</td>
<td>4-20 mA</td>
<td>4-20 mA</td>
<td>4-20 mA or HART</td>
</tr>
<tr>
<td>Wetted Materials</td>
<td>17-4 SS, 316 SS</td>
<td>316L SS</td>
<td>316, 316L SS</td>
<td>304 and 316 SS</td>
<td>316L SS</td>
</tr>
<tr>
<td>Process Connection</td>
<td>1/2˝ male NPT</td>
<td>1/2˝ male NPT</td>
<td>1/2˝ male NPT</td>
<td>1/2˝ female NPT</td>
<td>1/2˝ female NPT</td>
</tr>
<tr>
<td>Enclosure Rating</td>
<td>NEMA 4X</td>
<td>NEMA 4X (IP66)</td>
<td>NEMA 4X (IP66)</td>
<td>IP65</td>
<td>NEMA 4X (IP66)</td>
</tr>
</tbody>
</table>

### DIGITAL SINGLE PRESSURE

Pressure Switches

<table>
<thead>
<tr>
<th>SERIES</th>
<th>DPGA</th>
<th>DPGW</th>
<th>DPG-000</th>
<th>DPG-100</th>
<th>DPG-200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ranges</td>
<td>30 to 500 psig</td>
<td>30 to 500 psig</td>
<td>14.7 to 8000 psig</td>
<td>14.7 to 8000 psig</td>
<td>5 to 10000 psig</td>
</tr>
<tr>
<td>Service</td>
<td>Air and compatible gases</td>
<td>Air and compatible gases</td>
<td>compatible gases/liquids</td>
<td>compatible gases/liquids</td>
<td>liquids and non-combustible gases</td>
</tr>
<tr>
<td>Wetted Materials</td>
<td>316L SS, silicone sensor</td>
<td>316L SS</td>
<td>Type 316L SS</td>
<td>Type 316L SS</td>
<td>Type 316L SS</td>
</tr>
<tr>
<td>Housing</td>
<td>445 plastic</td>
<td>445 plastic</td>
<td>polyurethane front and back cover, anodized aluminum housing, polycarbonate overlay, Buna-N O-rings, 316L SS sensor construction</td>
<td>polyurethane front and back cover, anodized aluminum housing, polycarbonate overlay, Buna-N O-rings, 316L SS sensor construction</td>
<td>polyurethane front and back cover, anodized aluminum housing, polycarbonate overlay, Buna-N O-rings, 316L SS sensor construction</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±1% FS</td>
<td>±1% FS</td>
<td>±0.5% FS</td>
<td>±0.25% FS</td>
<td>±0.25% FS</td>
</tr>
<tr>
<td>Pressure Limits</td>
<td>+100% FS: -99 psig for vacuum models</td>
<td>+100% FS: 99 psig for vacuum models</td>
<td>+100% FS: 1000 psig (±1000 psi), 2000 psig (±2000 psi), 3000 psig (±3000 psi)</td>
<td>+100% FS: 1000 psig (±1000 psi), 2000 psig (±2000 psi), 3000 psig (±3000 psi)</td>
<td>+100% FS: 1000 psig (±1000 psi), 2000 psig (±2000 psi), 3000 psig (±3000 psi)</td>
</tr>
<tr>
<td>Temperature Limits</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Process Connection</td>
<td>1/4˝ male NPT</td>
<td>1/4˝ male NPT</td>
<td>1/4˝ male NPT</td>
<td>1/4˝ male NPT</td>
<td>1/4˝ male NPT</td>
</tr>
<tr>
<td>Enclosure Rating</td>
<td>N/A</td>
<td>N/A</td>
<td>NEMA 4X (IP66)</td>
<td>NEMA 4X (IP66)</td>
<td>NEMA 4X (IP66)</td>
</tr>
</tbody>
</table>

These Selection Guides are for quick comparison of similar products. Please refer to the website for complete product information and specifications.
## SINGLE PRESSURE Pressure Switches

### Series: EDA
- **Set Point Range**: 3000 psig (21 bar) to 6500 psig (45 bar)
- **Service**: Compatible liquids or gases
- **Temperature Limits**: 32°F to 122°F (-0°C to 50°C)
- **Process Connection**: 1/4˝ female NPT

### Series: DA/DS
- **Set Point Range**: 50 to 900 psig (3.5 to 6.3 bar)
- **Service**: Compatible liquids or gases
- **Temperature Limits**: -40°F to 158°F (-40°C to 70°C)
- **Process Connection**: 1/4˝ female NPT

### Series: SA1100
- **Set Point Range**: 10 to 500 psig (0.7 to 3.4 bar)
- **Service**: Compatible liquids or gases
- **Temperature Limits**: -20°F to 176°F (-29°C to 80°C)
- **Process Connection**: 1/4˝ female NPT

### Series: 1000W/E
- **Set Point Range**: 20 to 200 psig (1.4 to 1.4 bar)
- **Service**: Compatible liquids or gases
- **Temperature Limits**: -40°F to 176°F (-40°C to 80°C)
- **Process Connection**: 1/4˝ female NPT

### Series: A1F
- **Set Point Range**: 100 to 500 psig (7 to 3.4 bar)
- **Service**: Compatible liquids or gases
- **Temperature Limits**: -40°F to 176°F (-40°C to 80°C)
- **Process Connection**: 1/4˝ female NPT

### Series: A1PS/A1VS
- **Set Point Range**: 50 to 500 psig (3.4 to 3.4 bar)
- **Service**: Compatible liquids or gases
- **Temperature Limits**: -40°F to 176°F (-40°C to 80°C)
- **Process Connection**: 1/4˝ female NPT

### Series: APS/AVS
- **Set Point Range**: 50 to 500 psig (3.4 to 3.4 bar)
- **Service**: Compatible liquids or gases
- **Temperature Limits**: -40°F to 176°F (-40°C to 80°C)
- **Process Connection**: 1/4˝ female NPT

### Series: A6
- **Set Point Range**: 10 to 500 psig (0.7 to 3.4 bar)
- **Service**: Compatible liquids or gases
- **Temperature Limits**: -40°F to 176°F (-40°C to 80°C)
- **Process Connection**: 1/4˝ female NPT

### Series: EDA
- **Set Point Range**: 300 to 3000 psig (2 to 20.7 bar)
- **Service**: Compatible liquids or gases
- **Temperature Limits**: 32°F to 122°F (-0°C to 50°C)
- **Process Connection**: 1/4˝ male NPT

### Series: DA/DS
- **Set Point Range**: 50 to 900 psig (3.5 to 6.3 bar)
- **Service**: Compatible liquids or gases
- **Temperature Limits**: -40°F to 158°F (-40°C to 70°C)
- **Process Connection**: 1/4˝ female NPT

### Series: SA1100
- **Set Point Range**: 10 to 500 psig (0.7 to 3.4 bar)
- **Service**: Compatible liquids or gases
- **Temperature Limits**: -20°F to 176°F (-29°C to 80°C)
- **Process Connection**: 1/4˝ female NPT

### Series: 1000W/E
- **Set Point Range**: 20 to 200 psig (1.4 to 1.4 bar)
- **Service**: Compatible liquids or gases
- **Temperature Limits**: -40°F to 176°F (-40°C to 80°C)
- **Process Connection**: 1/4˝ female NPT

### Series: A1F
- **Set Point Range**: 100 to 500 psig (7 to 3.4 bar)
- **Service**: Compatible liquids or gases
- **Temperature Limits**: -40°F to 176°F (-40°C to 80°C)
- **Process Connection**: 1/4˝ female NPT

### Series: A1PS/A1VS
- **Set Point Range**: 50 to 500 psig (3.4 to 3.4 bar)
- **Service**: Compatible liquids or gases
- **Temperature Limits**: -40°F to 176°F (-40°C to 80°C)
- **Process Connection**: 1/4˝ female NPT

### Series: APS/AVS
- **Set Point Range**: 50 to 500 psig (3.4 to 3.4 bar)
- **Service**: Compatible liquids or gases
- **Temperature Limits**: -40°F to 176°F (-40°C to 80°C)
- **Process Connection**: 1/4˝ female NPT

### Series: A6
- **Set Point Range**: 10 to 500 psig (0.7 to 3.4 bar)
- **Service**: Compatible liquids or gases
- **Temperature Limits**: -40°F to 176°F (-40°C to 80°C)
- **Process Connection**: 1/4˝ female NPT

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### High Single Pressure - Non-Indicating

#### Pressure Transmitters and Transducers

<table>
<thead>
<tr>
<th>SERIES</th>
<th>681</th>
<th>644</th>
<th>682</th>
<th>672</th>
<th>673</th>
<th>638R</th>
<th>FDT</th>
<th>626/628-GH</th>
<th>636</th>
<th>6926</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ranges</strong></td>
<td>1 to 100 psi</td>
<td>Vacuum, 15 to 10 HPG</td>
<td>28 to 10,000 psi</td>
<td>15 to 400 in. w.c.</td>
<td>Compound, 1 to 1,000 psi</td>
<td>15 to 667 psi (2 to 46 bar)</td>
<td>320 to 10,000 psi</td>
<td>7 to 800 bar</td>
<td>65 psi</td>
<td>62.6/62.8-GH</td>
</tr>
<tr>
<td><strong>Accuracy</strong></td>
<td>±0.20% FS</td>
<td>±0.05% FS</td>
<td>±0.13% FS</td>
<td>±0.25% FS</td>
<td>±1.3% FS</td>
<td>±0.3% FS</td>
<td>±0.3% FS</td>
<td>±0.3% FS</td>
<td>±0.3% FS</td>
<td>±0.25% FS/±0.5% FS for absolute ranges</td>
</tr>
<tr>
<td><strong>Wetted Materials</strong></td>
<td>316L SS</td>
<td>17-4 PH SS</td>
<td>17-4 PH SS</td>
<td>318 Duplex SS, Ceramic, Teflon</td>
<td>316 and 15-5 SS</td>
<td>316, 316L SS</td>
<td>316L SS</td>
<td>316L and 316L SS</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Comp. Temp. Limits</strong></td>
<td>320 to 240°F (-7 to 120°C)</td>
<td>4 to 140°F (-20 to 60°C)</td>
<td>4 to 140°F (-20 to 60°C)</td>
<td>2 to 212°F (-20 to 100°C)</td>
<td>40 to 275°F (-40 to 135°C)</td>
<td>6 to 115°F (-20 to 70°C)</td>
<td>20 to 180°F (-40 to 80°C)</td>
<td>8 to 115°F (-20 to 70°C)</td>
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<td></td>
</tr>
<tr>
<td><strong>Gaug. Temp. Limits</strong></td>
<td>40 to 260°F (-40 to 125°C)</td>
<td>40 to 260°F (-40 to 125°C)</td>
<td>40 to 260°F (-40 to 125°C)</td>
<td>40 to 275°F (-40 to 135°C)</td>
<td>40 to 230°F (-40 to 105°C)</td>
<td>2 to 212°F (-20 to 100°C)</td>
<td>0 to 176°F (-18 to 80°C)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>Output Signal</strong></td>
<td>4-20 mA</td>
<td>4-20 mA</td>
<td>4-20 mA</td>
<td>4-20 mA</td>
<td>4-20 mA</td>
<td>4-20 mA</td>
<td>4-20 mA</td>
<td>4-20 mA</td>
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<tr>
<td><strong>Enclosure Rating</strong></td>
<td>NEMA 4X (I/P65)</td>
<td>NEMA 4X (I/P66)</td>
<td>NEMA 4X (I/P66)</td>
<td>NEMA 4X (I/P66)</td>
<td>NEMA 4X (I/P66)</td>
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</tr>
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