DESIGN SPECIFICATIONS

Mechanical
Ranges
<table>
<thead>
<tr>
<th>PSIG</th>
<th>BAR</th>
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<th>PSIG</th>
<th>BAR</th>
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<tbody>
<tr>
<td>0-500</td>
<td>0-35</td>
<td>0-3000</td>
<td>0-200</td>
<td>0-10000</td>
<td>0-700</td>
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<td>0-5000</td>
<td>0-350</td>
<td>0-15000</td>
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<td>0-1000</td>
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<td>0-7500</td>
<td>0-500</td>
<td>0-20000</td>
<td>0-1400</td>
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<tr>
<td>0-1500</td>
<td>0-100</td>
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</tbody>
</table>

Combined Error/Error Band: ±0.5% or ±0.25% of full-scale
Repeatability: ±0.1% of full-scale
Hysteresis: 0.1% of full-scale
Overload Capability: Up to 20,000 PSIG: 2 × full-scale
Above 20,000 PSIG: 1.5 × full-scale
Mounting Torque: 500 inch-pounds maximum
Diaphragm Material: 15-5PH stn. stl. (Armoloy plated)

Electrical
Measuring Element: Strain gauge Wheatstone bridge
Element Resistance: 350 ohm ±10%
Supply Voltage:
- for 3.33 mV/V output, 6-12VDC (10VDC rec.)
- for 4-20mA output, 12-30VDC (24VDC rec.)
- for VDC output, 15-30VDC (24VDC rec.)
Zero Balance: ±5.0% full-scale output
Internal Resistance Cali.:
(Factory Adjusted) Produces precise electrical signal
which is 80% of full-scale within ±0.25%

Temperature on Strain Gauge Housing
Maximum Temperature: 160°F or 70°C
Zero Drift: 1.0%/100°F or 2.0%/100°C
Sensitivity Drift: 1.0%/100°F or 2.0%/100°C

Temperature on Diaphragm
Max. Temp. (medium): 750°F or 400°C
Zero Shift: 25 PSI/100°F or 45 PSI/100°C

Thermocouple (if ordered)
Thermocouple Type: Type J
Connector: Standard Size Male

Note: All temperature specifications relate to full-scale output or full pressure range output.

Standard Drill Pattern Specifications

<table>
<thead>
<tr>
<th>D1</th>
<th>D2</th>
<th>D3</th>
<th>D4</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2 - 20 UNF</td>
<td>.313 ± .001</td>
<td>7.95 ± .025</td>
<td>.454 ± .004</td>
<td>.515 min</td>
<td>.225 min</td>
<td>.17 max</td>
</tr>
<tr>
<td>M14 x 1.5</td>
<td>.319 ± .001</td>
<td>8.1 ± .025</td>
<td>.478 ± .004</td>
<td>.630 min</td>
<td>.24 min</td>
<td>.16 max</td>
</tr>
<tr>
<td>M18 x 1.5</td>
<td>.398 ± .01</td>
<td>10.1 ± .25</td>
<td>.634 ± .04</td>
<td>.79 min</td>
<td>.24 min</td>
<td>.16 max</td>
</tr>
</tbody>
</table>

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