Rugged Stainless Steel Pressure Transducers Featuring Microfused Technology

MSP Series:
The MSP pressure transducer is designed for high-volume, low-cost commercial, industrial and off road applications which require accurate measurement of gases or liquids. Operating ranges up to 10,000 psi is available with your choice of output signal in volts, millivolts, or milliamps. The MSP uses a micro machined silicon strain gauge inorganically bonded to a machined stainless steel diaphragm; no seals, no O-rings, no silicone oil. All wetted surfaces are stainless steel and all signal conditioning electronics are housed in a stainless steel cover which provides protection from hostile environments. The housing is sealed and requires no maintenance. Each transducer is thoroughly tested and calibrated before shipment.

Applications:
- Pumps and Compressors
- Hydraulic / Pneumatic Systems
- Energy and Water Management
- Pressure Instrumentation
- Process Control, Off Road Refrigeration, HVAC

<table>
<thead>
<tr>
<th>Dimension</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>114</td>
<td>44.3</td>
<td>142</td>
<td>30.3</td>
</tr>
<tr>
<td>Width</td>
<td>13.3</td>
<td>48.6</td>
<td>81.7</td>
<td>20.3</td>
</tr>
</tbody>
</table>

More Product Available Online: www.digikey.com
Toll-Free: 1-800-344-4539 • Phone 218-681-6674 • Fax: 218-681-3380

(US2011) 2757
### Cable Harnesses

Pre-made Cable Harnesses from SSI Technologies, Inc. with the industry standard Packard™ Automotive Connector.

#### Description
- Cable Harness Packard
- Cable Harness Packard
- Cable Harness Packard

#### Length | Key | Price Each |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>P442</td>
<td>11.66</td>
</tr>
<tr>
<td>36</td>
<td>P443</td>
<td>20.90</td>
</tr>
<tr>
<td>72</td>
<td>P444</td>
<td>26.45</td>
</tr>
</tbody>
</table>

#### SSI Technologies Part No.
- P442
- P443
- P444

---

### Measurement

#### Rugged Stainless Steel Pressure Transducers

Featuring Microfused Technology (Cont.)

<table>
<thead>
<tr>
<th>Operating Pressure Range (PSI)</th>
<th>Voltage Supply (VDC)</th>
<th>Price Each 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSP-340 Series — RoHS Compliant</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Measurement Specialties Part No.
- 100mV Output — 1/8” NPT, 2 Foot Cable
- 0.5VDC — 0.5VDC Output — 7/16” SAE, Packard Connector
- 0.5V Output — 0.5V Output — 1/8” NPT, 2 Foot Cable
- UltraStable 1100 Series — RoHS Compliant

#### Measurement Specialties Part No.
- 0.9V — 0.9V Output — 1/4” NPT, 2 Foot Cable
- 0.5V — 0.5V Output — 1/8” NPT, 2 Foot Cable
- UltraStable 1100 Series — RoHS Compliant

#### Measurement Specialties Part No.
- 0.5V — 0.5V Output — 1/4” NPT, 2 Foot Cable
- 0.5V — 0.5V Output — 1/8” NPT, 2 Foot Cable
- UltraStable 1100 Series — RoHS Compliant

#### Measurement Specialties Part No.
- 0.5V — 0.5V Output — 1/4” NPT, 2 Foot Cable
- 0.5V — 0.5V Output — 1/8” NPT, 2 Foot Cable
- UltraStable 1100 Series — RoHS Compliant

#### Measurement Specialties Part No.
- 1V — 5V Output — 1/8” NPT Male, 2 Foot Cable
- 0.5V — 0.5V Output — 1/8” NPT, 2 Foot Cable
- UltraStable 1100 Series — RoHS Compliant

#### Measurement Specialties Part No.
- 1V — 5V Output — 1/8” NPT Male, 2 Foot Cable
- 0.5V — 0.5V Output — 1/8” NPT, 2 Foot Cable
- UltraStable 1100 Series — RoHS Compliant

#### Measurement Specialties Part No.
- 1V — 5V Output — 1/8” NPT Male, 2 Foot Cable
- 0.5V — 0.5V Output — 1/8” NPT, 2 Foot Cable
- UltraStable 1100 Series — RoHS Compliant

#### Measurement Specialties Part No.
- 1V — 5V Output — 1/8” NPT Male, 2 Foot Cable
- 0.5V — 0.5V Output — 1/8” NPT, 2 Foot Cable
- UltraStable 1100 Series — RoHS Compliant

#### Measurement Specialties Part No.
- 1V — 5V Output — 1/8” NPT Male, 2 Foot Cable
- 0.5V — 0.5V Output — 1/8” NPT, 2 Foot Cable
- UltraStable 1100 Series — RoHS Compliant

#### Measurement Specialties Part No.
- 1V — 5V Output — 1/8” NPT Male, 2 Foot Cable
- 0.5V — 0.5V Output — 1/8” NPT, 2 Foot Cable
- UltraStable 1100 Series — RoHS Compliant

#### Measurement Specialties Part No.
- 1V — 5V Output — 1/8” NPT Male, 2 Foot Cable
- 0.5V — 0.5V Output — 1/8” NPT, 2 Foot Cable
- UltraStable 1100 Series — RoHS Compliant

#### Measurement Specialties Part No.
- 1V — 5V Output — 1/8” NPT Male, 2 Foot Cable
- 0.5V — 0.5V Output — 1/8” NPT, 2 Foot Cable
- UltraStable 1100 Series — RoHS Compliant

#### Measurement Specialties Part No.
- 1V — 5V Output — 1/8” NPT Male, 2 Foot Cable
- 0.5V — 0.5V Output — 1/8” NPT, 2 Foot Cable
- UltraStable 1100 Series — RoHS Compliant

#### Measurement Specialties Part No.
- 1V — 5V Output — 1/8” NPT Male, 2 Foot Cable
- 0.5V — 0.5V Output — 1/8” NPT, 2 Foot Cable
- UltraStable 1100 Series — RoHS Compliant

#### Additional Resources

- More Product Available Online: [www.digikey.com](http://www.digikey.com)
- Toll-Free: 1-800-344-4539 • Phone 218-681-6674 • Fax: 218-681-3380

---

© Digi-Key Corporation 2021. All rights reserved.

**Most SMT cutoff parts are available on a Digi-Key®. For Digi-Key part number change, 1-ND to 6-ND or CT-ND to DHR-ND. See Digi-Key® Services on page 2 for additional information.**