### Melt Pressure Transducers

#### Standard Sizes and Ranges

<table>
<thead>
<tr>
<th>Style</th>
<th>Comb. Error</th>
<th>Connector</th>
<th>Pressure Range</th>
<th>Output</th>
<th>Stem Length</th>
<th>Flex Length</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rigid Stem</td>
<td>0.5% CE</td>
<td>6 Pin</td>
<td>0-5000</td>
<td>3.33 mV/V</td>
<td>6&quot;</td>
<td>None</td>
<td>PDD00101</td>
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<tr>
<td>Rigid Stem</td>
<td>0.5% CE</td>
<td>6 Pin</td>
<td>0-7500</td>
<td>3.33 mV/V</td>
<td>6&quot;</td>
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<td>PDD00102</td>
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<tr>
<td>Rigid Stem</td>
<td>0.5% CE</td>
<td>6 Pin</td>
<td>0-10000</td>
<td>3.33 mV/V</td>
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<td>PDD00103</td>
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<tr>
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<td>0.5% CE</td>
<td>6 Pin</td>
<td>0-15000</td>
<td>3.33 mV/V</td>
<td>6&quot;</td>
<td>None</td>
<td>PDD00104</td>
</tr>
<tr>
<td>Rigid/Flex Armor</td>
<td>0.5% CE</td>
<td>6 Pin</td>
<td>0-5000</td>
<td>3.33 mV/V</td>
<td>6&quot;</td>
<td>18&quot;</td>
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<td>3.33 mV/V</td>
<td>6&quot;</td>
<td>18&quot;</td>
<td>PDD00106</td>
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<td>3.33 mV/V</td>
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<td>18&quot;</td>
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<td>3.33 mV/V</td>
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<td>18&quot;</td>
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<tr>
<td>Rigid/Flex Armor with T/C</td>
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<td>0-5000</td>
<td>3.33 mV/V</td>
<td>6&quot;</td>
<td>18&quot;</td>
<td>PDD00109</td>
</tr>
<tr>
<td>Rigid/Flex Armor with T/C</td>
<td>0.5% CE</td>
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<td>0-7500</td>
<td>3.33 mV/V</td>
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<td>18&quot;</td>
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<td>6 Pin</td>
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<td>3.33 mV/V</td>
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<tr>
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<td>6 Pin</td>
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<td>3.33 mV/V</td>
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<td>18&quot;</td>
<td>PDD00112</td>
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</tbody>
</table>

**Ordering Code:** [PDD] $(1, 2, 3, 4, 5, 6, 7, 8, 9, 10)

**Diaphragms BOX 7**

- **A** = Stainless Steel, 0.0045" (Standard) with GTP+ Coating 750°F/400°C
- **B** = 0.0045" Hastelloy® 570°F/300°C
- **C** = 0.0045" Chromium Nitride
- **D** = 0.008" Chromium Nitride (7500 PSI & up only) 570°F/300°C
- **E** = 0.006" Inconel with Titanium Aluminum Nitride 1000°F/550°F
- **F** = 0.0045" Titanium Nitride
- **G** = 0.008" Titanium Nitride (7500 PSI & up only) 1000°F/538°C
- **X** = Other

**Output BOX 8**

- **0** = Custom
- **1** = 3.33 mV/V (Standard)
- **2** = 4 to 20 ma
- **3** = 0 to 5 Vdc
- **4** = 0 to 10 Vdc
- **5** = 0.5 to 9.5 Vdc

**Capillary Fill Material BOX 9**

- **A** = Mercury (Standard) 750°F/400°C
- **B** = Oil-FDA approved 600°F/315°C
- **C** = NaK (Sodium Potassium) 1000°F/528°C
- **X** = Other

**Thread BOX 10**

- **1** = 1/2-20 (Standard)
- **2** = M18 x 1.5
- **X** = Other

## Additional Options Available...

### Exposed Capillary Transducer

For applications requiring a transducer capable of fitting into extremely tight places.

### Connectors (consult Tempco if you require one of these options)

- **Gentran GT-76 compatible wiring:** strain gauge connector is wired for compatibility with Gentran GT-76 connector.
- **Barber Coleman TD10 compatible wiring:** strain gauge connector is wired for compatibility with Barber Coleman TD10 connector.

### Ordering Information

**Melt Pressure Transducers** are offered with the options listed in the worksheet above. Create an ordering code by filling in the boxes with the appropriate number and/or letter designation for your requirements and a part number will be assigned.

Part Numbers for commonly used Melt Pressure Transducers can be found in table above.

*WARNING:* Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**View Product Inventory @ www.tempco.com**