Our rugged high-pressure design handles up to 3000 psi line pressures. This is achieved by using heavy-duty pressure bodies machined from solid blocks of aluminum. The bodies are then anodized to allow for long-term use in difficult environments. Loop-powered, 2-wire versions have a 4-20 mA output while 3-wire versions have a 0-5 VDC output. All models require 9-28 VDC input. Our TM-OR-1002 piston sensor models handle differential pressure ranges from 0-4 to 0-75 psid and are designed for liquids with line pressures up to 3000 psi. The TM-OR-1020 diaphragm sensor versions handle ranges from 0-25” H2O to 0-10 psid for liquids or gases up to 1000 psi line pressures. All units are calibrated to NIST standards and no adjustments are required in the field.

Installation Ready
A 1” dial is available for local indication. Standard ports are 1/8” female NPT located on the sides, back, or bottom of the units. Manifold mounting ports also are available. The electronics are protected by a weatherproof enclosure that has an integral DIN 43650 Form “C” connector (8 mm).

### Specifications

**Model:** TM-OR-1002/1020T

<table>
<thead>
<tr>
<th>Model</th>
<th>Differential pressure range</th>
<th>Maximum line pressure/temperature</th>
<th>Accuracy (FS, Ascending)</th>
<th>Repeatability (FS, Ascending)</th>
<th>Porting (Many porting options available)</th>
<th>Output*</th>
</tr>
</thead>
<tbody>
<tr>
<td>TM-OR-1002PIT/PT</td>
<td>0-4 to 0-75 psid (0-0.28 to 0-5 bar)</td>
<td>3000 psig (200 bar) 176ºF (80ºC)</td>
<td>10%</td>
<td>5%</td>
<td>1/8” NPT</td>
<td>4-20 mA or 0-5 V</td>
</tr>
<tr>
<td>TM-OR-1020DIT/DT</td>
<td>0-25” H2O to 0-10 psid (0-0.06 to 0-0.7 bar)</td>
<td>1000 psig (67 bar) 176ºF (80ºC)</td>
<td>10%</td>
<td>5%</td>
<td>1/8” NPT</td>
<td>4-20 mA or 0-5 V</td>
</tr>
</tbody>
</table>

*P=Piston  D=Diaphragm  I=Indicator  T=Transmitter
*A DIN 43650 Form “C” (8 mm) is standard (mating connector supplied on request)

### Dimensions

- **TM-OR-1002PIT-5A:**
  - Dimensions: 60.2 x 49.3 mm

- **TM-OR-1002PT-5A:**
  - Dimensions: 60.2 x 42.2 mm

- **TM-OR-1020DIT-5A:**
  - Dimensions: 76.0 x 49.3 mm

All specifications are subject to change without notice.