The Series VPT Valve Position Transmitter is an ideal way to track position of valve. With both linear and rotary motion monitoring available, this Valve Position Transmitter can suit a wide variety of applications. Using a resistance gear in conjunction with a potentiometer, the change in resistance outputs a proportional current signal which is sent to the controller. The standard LCD display allows the operator to monitor precise position of valve.

**FEATURES**
- Simple zero and span adjustment
- Reverse acting or direct acting settings
- 4 to 20 mA (2-wire)
- LCD standard

**SPECIFICATIONS**
- Input Signal: 0 to 30° (LA1); 0 to 90° (RA1).
- Output Signal: 4 to 20 mA DC.
- Power Requirements: 9 to 28 VDC.
- Enclosure Material: Aluminum.
- Electrical Connection: M20 cable gland.
- Linearity: ±1% FS.
- Hysteresis: ±0.2% FS.
- Sensitivity: ±0.2% FS.
- Temperature Limits: -22 to 185°F (-30 to 85°C).
- Weight: 1.3 lb (.6 kg).

<table>
<thead>
<tr>
<th>Model</th>
<th>Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>VPT-LA1</td>
<td>Linear</td>
</tr>
<tr>
<td>VPT-RA1</td>
<td>Rotary</td>
</tr>
</tbody>
</table>

The Series VPI Rotary Valve Position Indicators are compact yet rugged for confined and severe locations. These versatile units offer visual position indication as well as two internal limit switches. The spring-loaded splined cams require no tools for a quick and precise adjustment. The Series VPI is available with mechanical or proximity limit switches. The mechanical models feature two SPDT limit switches. The proximity models feature two solid-state inductive limit switches eliminating the need for the cams to make contact with the switches. The NEMA 6 (IP67) rating ensures protection against the ingress of liquid and debris.

**SPECIFICATIONS**
- Minimum Rotation Travel: 60°.
- Maximum Rotation Travel: 360°.
- Temperature Limits: -4 to 175°F (-20 to 80°C).
- Switch Type: VPI-M: (2) mechanical SPDT limit switches; VPI-P: (2) inductive proximity limit switches.

**Model** | **Description** |
----------|----------------|
VPI-M01   | Rotary Valve Position Indicator, Dual Mechanical SPDT, 1/2˝ NPT Conduit |
VPI-P01   | Rotary Valve Position Indicator, Dual Proximity SPDT, 1/2˝ NPT Conduit |
VPI-B01   | NAMUR A, 30 x 80 mm hole pattern, 20 mm shaft height |
VPI-B02   | NAMUR B, 30 x 80 mm hole pattern, 30 mm shaft height |
VPI-B03   | NAMUR C, 30 x 130 mm hole pattern, 30 mm shaft height |
VPI-B04   | NAMUR D, 30 x 130 mm hole pattern, 50 mm shaft height |

**Bracket Dimensions**

<table>
<thead>
<tr>
<th>Model</th>
<th>H in (mm)</th>
<th>L1 in (mm)</th>
<th>L2 in (mm)</th>
<th>W3 in (mm)</th>
<th>W4 in (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VPI-B02</td>
<td>1-19/64 [40.5]</td>
<td>5-1/8 [130]</td>
<td>5-29/32 [150]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VPI-B03</td>
<td>1-19/64 [40.5]</td>
<td>5-1/8 [130]</td>
<td>5-29/32 [150]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VPI-B04</td>
<td>2-3/8 [60.5]</td>
<td>5-1/8 [130]</td>
<td>5-29/32 [150]</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Electrical Rating:** VPI-M: AC: 3 A at 250 V, 5 A at 125 V; DC: 0.2 A at 250 V, 0.4 A at 125 V, 4 A at 30 V.
**Power Requirements:** VPI-P: 12 to 24 VDC, 30 VDC max.
**Enclosure Material:** Aluminum die-casting.
**Electrical Connections:** 8-contact screw terminal strip.
**Conduit Connection:** (2) 1/2˝ female NPT.
**Enclosure Rating:** NEMA 6 (IP67).
**Mounting:** NAMUR.
**Weight:** 1.9 lb (0.88 kg).