**Series VPT**

**Valve Position Transmitter**

High Accuracy, Cost Effective, LCD Display

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

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

**SPECIFICATIONS**

Input Signal: 0 to 30° (LA1); 0 to 90° (RA1).

Output Signal: 4 to 20 mA DC.

Supply Voltage: 9 to 28 VDC.

Enclosure: Aluminum.

Electrical Connection: M20 cable gland.

**Linearity:** ±1% FS.

**Hysteresis:** ±0.2% FS.

**Sensitivity:** ±0.2% FS.

**Enclosure Rating:** IP67.

**Operating Temperature:** -22 to 185°F (-30 to 85°C).

**Weight:** 1.3 lb (.6 kg).

<table>
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<tr>
<th>Model</th>
<th>Description</th>
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<tr>
<td>VPI-M01</td>
<td>Rotary Valve Position Indicator, Dual Mechanical SPDT, 1/2˝ NPT Conduit</td>
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<tr>
<td>VPI-P01</td>
<td>Rotary Valve Position Indicator, Dual Proximity SPDT, 1/2˝ NPT Conduit</td>
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<tr>
<td>VPI-B01</td>
<td>Bracket 1, See Dimension Chart</td>
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<td>VPI-B02</td>
<td>Bracket 2, See Dimension Chart</td>
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<td>VPI-B03</td>
<td>Bracket 3, See Dimension Chart</td>
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<td>VPI-B04</td>
<td>Bracket 4, See Dimension Chart</td>
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**SPECIFICATIONS**

**Minimum Rotation Travel:** 60°.

**Maximum Rotation Travel:** 360°.

**Temperature Limits:** -4 to 176°F (-20 to 80°C).

**Switch Type:** VPI-M: (2) mechanical SPDT limit switches; VPI-P: (2) inductive proximity limit switches.

**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).