PRD2000-723 Proportional & Delay Module
The PRD2000-723 Proportional & Delay Module replaces the obsolete Bailey Type 723 proportional & delay module while retaining the functions of the Bailey module.

The PRD2000-723 provides an output current or voltage which is proportional to an input voltage, and has a solid state on/off output switching capability. The PRD2000-723 has an adjustable ramp time transfer control on the front panel which provides a “bumpless” ramp-type transfer when input and output signals are not equal at the time of transfer.
# NUSI 2000 Series

## Proportional & Delay Module

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Input Signal:</strong></td>
<td>1 V to 5 Vdc. Input resistance &gt; 1 MΩ</td>
</tr>
<tr>
<td><strong>Output Signals:</strong></td>
<td>1 V to 5 Vdc into &gt; 1500 Ω</td>
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<tr>
<td></td>
<td>4 mA to 20 mA dc into 0 Ω to 750 Ω</td>
</tr>
<tr>
<td><strong>Accuracy:</strong></td>
<td>±0.3% of span</td>
</tr>
<tr>
<td><strong>Bias Input:</strong></td>
<td>±4 Vdc = ±100% of span</td>
</tr>
<tr>
<td><strong>Normal from set station:</strong></td>
<td>±0.8 Vdc = ±20% of span</td>
</tr>
<tr>
<td><strong>Tracking Reference Signal:</strong></td>
<td>1 V to 5 Vdc referenced to system signal common</td>
</tr>
<tr>
<td><strong>External Tracking Signal:</strong></td>
<td>1 V to 5 Vdc referenced to system signal common</td>
</tr>
<tr>
<td><strong>Tracking Switch Signal:</strong></td>
<td>+24 ±2 Vdc</td>
</tr>
<tr>
<td><strong>Ramp Time:</strong></td>
<td>Adjustable; 0 minutes to 5 minutes for 10% of full span change</td>
</tr>
<tr>
<td><strong>Frequency Response:</strong></td>
<td>20 Hz ±5 Hz</td>
</tr>
<tr>
<td><strong>Power Supply Voltage:</strong></td>
<td>0.150 A @ 24 Vdc ±2 Vdc (20 V to 28 Vdc operative limits)</td>
</tr>
<tr>
<td><strong>Operating Influence:</strong></td>
<td>Supply Voltage: 24 Vdc ±2 Vdc (±0.05%)</td>
</tr>
<tr>
<td><strong>Ambient Temperature:</strong></td>
<td>40 °F to 120 °F (5 °C to 49 °C) (normal operation)</td>
</tr>
<tr>
<td></td>
<td>0 °F to 140 °F (−18 °C to 60 °C) (operative limits)</td>
</tr>
<tr>
<td><strong>Dimensions:</strong></td>
<td>1.4 in x 7 in x 11.5 in</td>
</tr>
<tr>
<td><strong>Weight:</strong></td>
<td>Rack-mounted: &lt; 1 lb</td>
</tr>
<tr>
<td><strong>Mounting:</strong></td>
<td>Bailey Type 761 Rack Unit</td>
</tr>
<tr>
<td><strong>Legend:</strong></td>
<td>Legend plate holder is integral with the withdrawal handle</td>
</tr>
</tbody>
</table>

For more information please request a

**Proportional & Delay Operation & Maintenance Manual.**