Model P703BT
3 power unit
Three identical channels with the following characteristics for each

Input characteristics
- Excitation to transducer, nominal: 27 VDC
- Excitation current: 2.4 mA, ±10%
- Maximum input voltage: 10 V rms
- Input connector: Bendix POC2A-8-4P

<table>
<thead>
<tr>
<th>Pin out</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>y axis</td>
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<tr>
<td>B</td>
<td>x axis</td>
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<tr>
<td>C</td>
<td>z axis</td>
</tr>
<tr>
<td>D</td>
<td>common/ return</td>
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</tbody>
</table>

Output characteristics
- Output impedance (accelerometer attached to input): same as transducer
- Recommended load impedance, min.: 100 kΩ
- Output connector: BNC (front panel)
- Decoupling capacitor (internal): 22 µF, 35 VDC

Transfer characteristics
- Gain: 1:1, with DC decoupling
- Frequency response: same as transducer
- Channel separation: >60 dB

Battery test circuit
- LED lights: Battery voltage 18 VDC or greater

Battery life
- Operating hours, nominal: 40

Power requirements
- Batteries: (3) 9V alkaline
- External power: 24 to 30 VDC

Physical characteristics
- Size, inches: 3 W x 2.4 H x 4 D (not including connectors)
- Weight: 454 grams

Operating environment
- Temperature: 0 to 50 °C

Features
- Designed to work directly with Wilcoxon 993 Series triaxial accelerometers