

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



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

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

Pin out	Function
A	y axis
B	x axis
C	z axis
D	common/ return

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

Accessories supplied: (3) 9V alkaline batteries
 Accessories available: NC3 Ni-Cad battery kit, LA704
 110V line adaptor, LA704-220V line adaptor

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