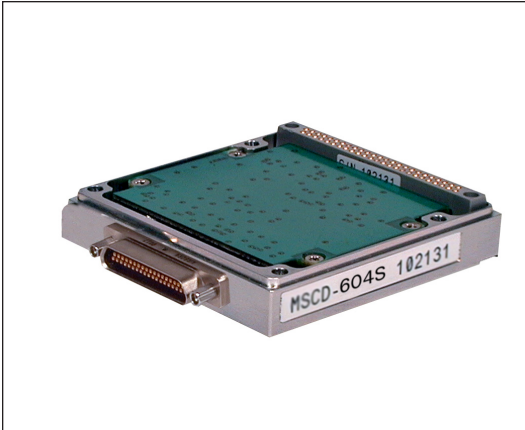


4-Channel Signal Conditioning Module w/Programmable Gain, Filter & Constant Current Excitation



Applications

- Flight Test Instrumentation
- Accelerometers
- Research Measurements and Experiments

Features

- 4-Channel Signal Conditioner Module
- Per-Channel Current Excitation
- Compatible with MEDAU/MCDAU-2000 System
- Software Programmable Gain and Offset per Channel
- Software Programmable 4-pole Butterworth presample filter per channel
- $\pm 0.5\%$ System Accuracy
- Zero and Voltage Substitution Calibration
- 1M Ω Input Impedance
- +/- 35VDC Overvoltage Protection
- Windows 95/98/NT/2000 Software Included

Description

The MSCD-604S is a 4-channel signal conditioning module for use in TTC's MEDAU-2000 or MCDAU-2000 series products. The module provides per-channel constant current excitation and AC input coupling. Each channel provides calibration, programmable gain and programmable presample filtering per channel. The host chassis provides additional gain/offset programmability on a per-channel basis. The conditioned analog signal is digitized at up to 12-bit resolution for transmission in the system PCM output format.

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MSCD-604S Datasheet

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Specifications subject to change without notice.



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