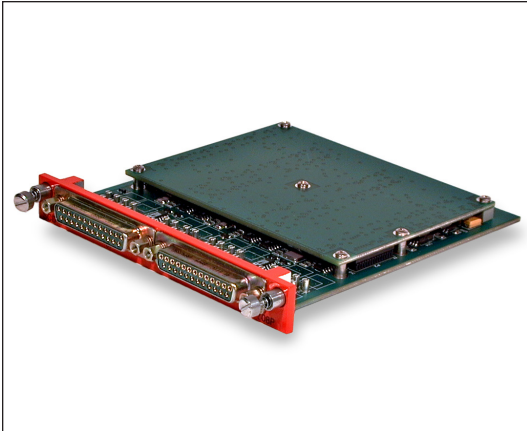




8-Channel Signal Conditioning Card - Programmable Current Excitation, Full Bridge Conditioner, & Programmable Presample Filtering



Features

- 8-Channels per Card
- Programmable Presample Filtering
 - 6-pole Butterworth Filter
 - 64 Frequencies (Factory Set)
- Full Bridge Conditioner
- Constant Current Excitation
 - User Programmable
 - 8 settings from 1.5 to 5 mA
 - Programmable on a Card Basis
- Programmable Gain and Offset
 - 4 Card Gains from 1 to 1,000
 - 8 Chassis Gain Settings
- Zero, Rcal and Voltage Substitution Calibration
- >1,000 Megohms Input Impedance (Power On)
- ± 0.5% System Accuracy
- ± 35VDC Overvoltage Protection
- Windows 95/98/NT/2000 Software Included

Applications

- Flight Test Instrumentation
- Factory Automation & Process Control
- Strain Gages, Load Cells, Pressure Transducers, ...
- Research Measurements and Experiments

Description

The SCD-208P is an 8-channel plug-in signal conditioning card for use in TTC's EDAU-20XX and CDAU-20XX products. The card is intended for applications that require constant current excitation, programmable presample filtering, calibration and user-programmable gain. 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.

Revision 03/11/2009

SCD-208P Datasheet

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Specifications subject to change without notice.

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