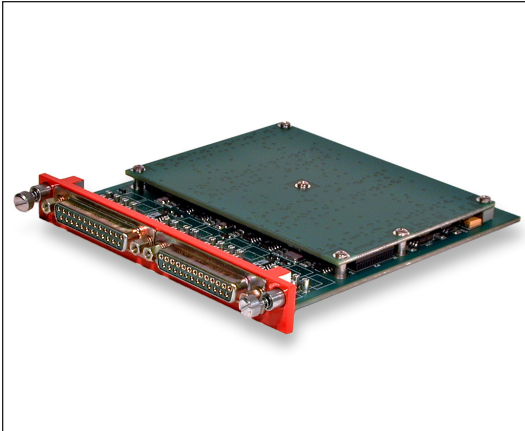




8-Channel Signal Conditioning Card - Programmable Current Excitation, Programmable Presample Filtering & Simultaneous Sampling



Features

- 8-Channels per Card
- Simultaneous Sampling Capability
- Programmable Presample Filtering
 - 6-pole Butterworth Filter
 - 64 Frequencies (Factory Set)
- Full Bridge Signal Conditioner
- Constant Current Excitation
 - User Programmable
 - 8 settings from 1.5 to 5 mA
 - Programmable on a Card Basis
- Programmable Gain and Offset
 - Card Gains from 1 to 2,000
 - 10,000 Unique 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-208S 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 significant signal conditioning flexibility including simultaneous sampling, constant current excitation, programmable presample filtering, calibration and user-programmable gain. The conditioned analog signal is digitized at up to 12-bit resolution for transmission in the system PCM output format.

Revision 03/12/2009

SCD-208S Datasheet

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CAIS
Compatible



Management
System
AS9100C
ISO 9001:2008

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