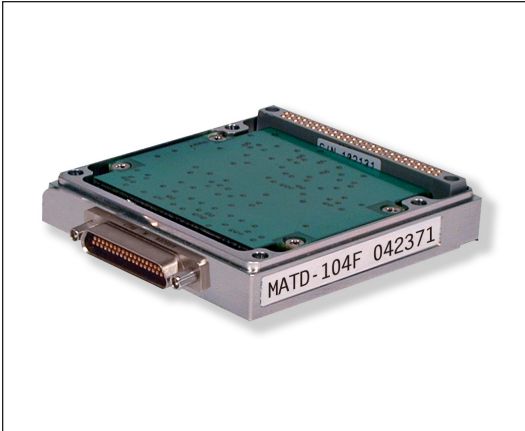


BEI MotionPak™ Interface Module



Applications

- Flight Test Instrumentation
- Factory Automation and Process Control
- Research Measurements and Experiments

Features

- 4-Channel Module
 - Three rate or accelerometer input channels
 - One temperature input channel (AD590)
- Programmable Voltage Excitation
- Compatible with MEDAU/MCDAU-2000 System
- Software Programmable Gain and Offset per Channel
- Software Programmable 4-pole Butterworth presample filter per channel
- Provides ± 15 VDC Power to the MotionPak™
- $\pm 0.5\%$ System Accuracy
- Zero and Voltage Substitution Calibration
- 1,000 kilohms Input Impedance
- ± 35 VDC Overvoltage Protection
- Windows 95/98/NT/2000 Software Included

Description

The MSATD-104F is a 4-channel signal conditioning module for use in TTC's MEDAU-2000 or MCDAU-2000 series products. The module is designed to interface with the BEI MotionPak™ Multi-Axis Internal Sensing System. Each channel provides calibration, programmable gain and programmable presample filtering per channel. The conditioned analog signal is digitized at up to 12-bit resolution for transmission in the system PCM output format.

Revision 05/12/2015

MATD-104F Datasheet

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Specifications subject to change without notice.

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CAIS
Compatible



Management
System
AS9100C
ISO 9001:2008

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