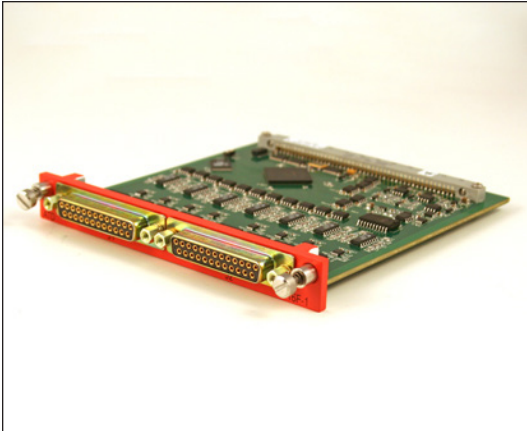


BEI MotionPak™ Interface Board



Features

- 16 channel board
 - 12 rate or accelerometer input channels
 - Four temperature input channels (AD590)
- Interfaces to up to four BEI MotionPak™ units
- Compatible with EDAU/CDAU/WDAU-20xx 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 software included

Applications

- Flight test instrumentation
- Factory automation and process control
- Research measurements and experiments

Description

The ATD-116F is a 16 channel signal conditioning board for use in TTC's EDAU/CDAU/WDAU-20xx 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 16-bit resolution for transmission in the system PCM output format.

Revision 05/11/2015

ATD-116F Datasheet

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 Specifications subject to change without notice.

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CAIS
Compatible



Management
System
AS9100C
ISO 9001:2008

Teletronics - A Curtiss-Wright Company
 15 Terry Drive, Newtown, PA 18940
 phone: 267.352.2020 fax: 267.352.2021 Sales@ttcdas.com

www.ttcdas.com