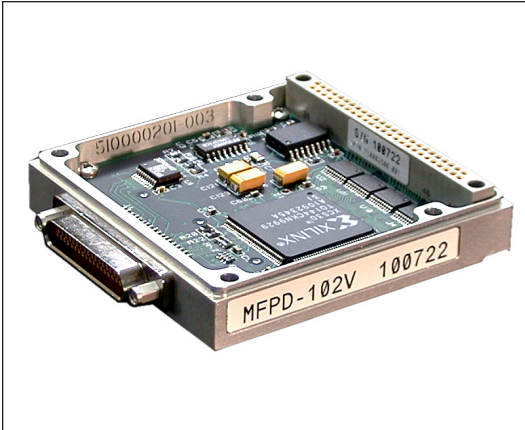


## 2-Channel Frequency/Period/Accumulator Conditioner Module



### Applications

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

### Features

- 2-Channel Conditioner Module
- Software Programmable Operating Modes
  - Frequency Mode
  - Period Mode
  - Accumulator Mode
- 19-bit Resolution
- Front-end Flexibility and Compatibility
  - Selectable AC or DC Coupling
  - Inductive Style Pickups
  - Digital (TTL) Inputs
- Compatible with MEDAU/MCDAU-2000 System
- Windows 95/98/NT/2000 Software Included

### Description

The MFPD-102V is a 2-channel frequency and period counter module for use in TTC's MEDAU-2000 or MCDAU-2000 series products. The card is capable of providing the current value of the period of a sinusoidal signal of engine fuel flow, or RPM sensors. Each card channel can accept an AC (Analog) differential input, differential digital (RS-422) input, or single ended digital input. In addition each channel is configurable in the frequency counter mode, in the average period counter mode, or in the accumulator counter mode. The 19 bit channel data is encoded into data words for transmission in the system PCM output format. Groups of input channels are formatted as words in the PCM output format.

Revision 05/12/2015

### MFPD-102V 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](http://www.ttcdas.com)