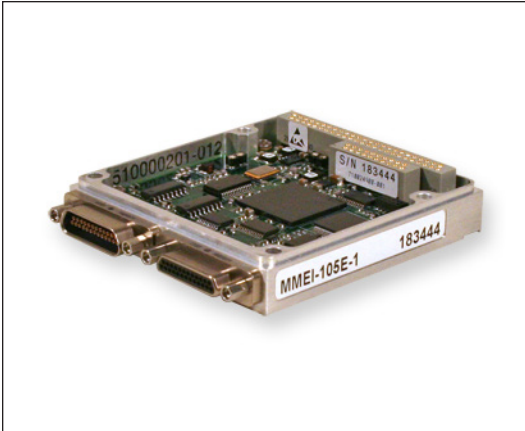


Master E-Bus Interface Module for the MEDAU-2000



Applications

- Stand-alone Data Acquisition
- Distributed Systems

Features

- Overhead Master E-Bus interface module for use in the designated E-Bus Master MEDAU-2000 unit
- Communicates E-Bus commands for data acquisition with remote DAUs
- RS232/422 interface port for format loading, programming remotes, and data monitoring
- Contains an EEPROM format memory for up to 8 formats using “true sub-commutation”
- Has system-wide Calibration Support (3 types of CAL)
- Provides eight (8) PCM codes (including Viterbi Encoder) and clocks
- Provides the fundamental system sampling rate up to 5 Mbps or 417 KSPS
- Provides a wide array of instructions under format control
- Requires MFDR-105 or MFDR-101A module
- Fully supported by TTCWare programming and setup software

Description

The MMEI-105E card performs the PCM controller function within a MEDAU-2000 for either a stand-alone data acquisition unit, or a system-wide controller when configured as part of a distributed data acquisition system. The module contains all necessary control and sequence of channel sampling within the chassis as well as control over any external data acquisition remotes connected to the unit.

Revision 05/12/2015

MMEI-105E Datasheet

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Specifications subject to change without notice.

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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



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