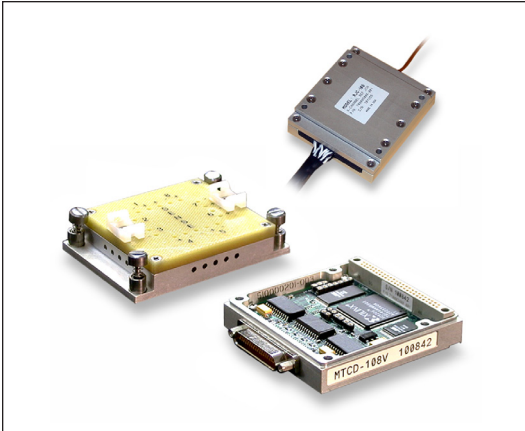


8-Channel Thermocouple Conditioner Module w/Ref Junction Compensation



Applications

- Flight Test Instrumentation
- Factory Automation & Process Control
- Engine Testing, Aerodynamics Testing

Features

- 8-Channels per module
- True Real-time linearization
- Compatible with Types J, K, E, & T or J, K, C, & E
 - Programmable on per-channel basis
 - Mixed types in the same module
- Programmable measurement range
 - Full ANSI range (coarse), or
 - ANSI range/2 (fine)
- Programmable sliding fine range (range min/max)
- $\pm 0.3\%$ system accuracy
- $\pm 35\text{VDC}$ overvoltage protection
- Windows setup software included

Description

The MTCD-108V is an 8-channel plug-in signal conditioning module for use in TTC's MEDAU/MCDAU/MWDAU-2000 products. The module is intended for applications that require high performance thermocouple signal conditioning, true real-time linearization, and compatibility with ANSI thermocouple types J, K, E & T or J, K, C, & E, all within a single module. Each module is provided with an 8-channel RJC-800 or RJC-108 Reference Junction Compensator unit. Thermocouple data is digitized to 12-bit resolution for transmission in the system PCM output format.

Revision 08/18/2015

MTCD-108V 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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