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- EQUIPMENT DEMOS
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- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

SERVICE CENTER REPAIRS

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**Data
Acquisition**



[Data Acquisition and Motion Control](#) >>

VMIVME-2700

Board Level Products – Data Acquisition and Motion Control

Digital Input/Output Boards

VMIVME-2700

16-CHANNEL OPTICALLY COUPLED DIGITAL I/O BOARD WITH BUILT-IN-TEST AND SCREW TERMINAL INTERFACE

- 16 optically coupled outputs
- 16 optically coupled inputs
- Front panel (P3, P4) I/O
- High isolation potential
 - 1.5 kV sustained, channel-to-bus
 - 3.5 kV pulsed, channel to-bus
 - 500 V, sustained, channel-to-channel
- 8-, 16-bit data transfers
- Standard data or short I/O addressing A16 or A24
- Voltage sensing or contact sensing inputs
- Input ranges of 5 to 125 VDC
- 300 mA current sinking outputs
- 30 V maximum output voltage
- Supports Built-in-Test for both inputs and outputs
- Accepts pluggable barrier strip cable connector with user screw interface
 - Connectors are latchable
 - Mating connectors are provided
- Compatible with VMIC's Universal I/O Controllers ([VMIVME-9300](#) series)
- Supported in VMIC's [VMISFT-9450](#) IOWorks Board Drivers
- Applications: Automatic Test Equipment, Data Acquisition System Control I/O, DC Load Control, Digital Input Status Monitoring, Digital-Output Sensor Simulator, Dry-Switch Monitoring, Ground Loop Elimination, High CMV Digital Inputs, Indicator and Lamp Control, Isolated Digital I/O, Isolated Digital Sensor Inputs, Low-Maintenance Applications (BIT), Nuclear Facility Instrumentation, Process Control and Monitoring, Severe-Interference

Environments, Status Sensor Monitoring, Supervisory Control
Systems, Trainers and Simulators

Ordering Options	A	B	C	-	D	E	F
VMIVME-2700	-	0	0	-			
<p>A = Input Voltage Range 0 = 5 V 1 = 12 V 2 = 24 to 28 V 3 = 48 V 4 = 125 V (Voltage Sensing Only)</p> <p>BC = 00 (Options reserved for future use)</p>							



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