

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

The Wayback Machine - https://web.archive.org/web/20010223114850/http://analog.digital.vmic.com:80/prod…



Board Level Products – Data Acquisition and Motion Control
Analog Output Boards

VMIVME-4800
ISOLATED 8-CHANNEL 12-bit ANALOG OUTPUT BOARD WITH VOLTAGE OR CURRENT OUTPUTS AND SCREW TERMINAL INTERFACE

- Eight fully isolated analog outputs
- Up to +/-1,500 V isolation, channel-to-channel, and channel-to-VMEbus
- 12-bit resolution
- Voltage output ranges selectable as +/-2.5 V, +/-5 V, +/-10 V, 0 to 2.5 V, 0 to 5 V, or 0 to 10 V
- Voltage outputs protected to +/-20 V indefinitely; transients to +/-50 V
- 10 mA load capacity for voltage outputs over full +/-10 V range
- Available with 4 to 20, 0 to 20, or 5 to 25 mA current loop outputs
- 0.08 percent accuracy for voltage outputs, 0.08 percent for current loop outputs
- 4- and 8-channel configurations
- Optical data coupling provides full galvanic isolation
- Static readback data registers simplify program control
- Program-controlled connect/disconnect operation of voltage outputs facilitates system testing
- Accepts pluggable barrier strip cable connector with user screw terminal interface
  - Connectors are latchable
- Applications
  - Isolated analog subsystems
  - Analog current loops
  - Nuclear facility instrumentation
  - ATE
  - Supervisory control systems
  - High interference environments
  - Intersystem analog data transmission
  - Ground loop elimination
- Compatible with VMIC's Universal I/O Controllers (VMIVME-9300 series)
- Applications: Analog Current Loop Transmitter, Automatic Test Equipment Stimulus Outputs, Intersystem Analog Communication, Isolated Analog

Operating Systems
Windows NT
Linux
VxWorks
QNX

For Cables, Connectors, Barrier Terminal Strips/Blocks, see Accessories.
Driver Software
IOWorks
(VMISFT-9450)

View Specifications (in PDF file format)

Subsystems, Isolated Voltage or Current Source, Ground Loop Elimination, High-Interference Environments, Nuclear Facility Instrumentation, Parallel Output Redundancy, Process Control Outputs, Servo Control Loops, Supervisory Control Systems

Ordering Options		A	B	C	-	D	E	F
VMIVME-4800	-			1	-			

A = Number of Channels*

0 = 4 Channels

1 = 8 Channels

B = Voltage or Current Output Options

0 = Voltage Ouputs, Bipolar

1 = 4 to 20 mA Current Loop Outputs

2 = 0 to 20 mA Current Loop Outputs

3 = 5 to 25 mA Current Loop Outputs

4 = Voltage Outputs, Unipolar

C = 1 (Other options reserved for future use)

*Single mating connector supplied with either the 4- or 8-channel option.



Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP