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Data Sheet

August 15, 2026

DANAHER / KOLLMORGEN / MOTION ENGINEERING

Danaher / Kollmorgen / Motion Engineering DSPro-VME Board Level Controller

The Danaher / Kollmorgen / Motion Engineering DSPro-VME is a board-level motion controller housed in a 6U VME module format, engineered for step motor control via analog control voltage in VMEbus-based industrial automation and robotics systems. The controller integrates memory-mapped communication with host systems and provides configurable interrupt settings to meet demanding motion control requirements. Communication Interface: Three words in I/O space accessed through one male DE-9 port and one female DE-9 port Memory Addressing: Memory-mapped host communication with address windows configured via on-board DIP switches Motor Control Outputs: 26-pin box headers for motor signal access; one header per pair of motor axes

**MODEL****Danaher /
Kollmorgen /
Motion
Engineering
DSPro-VME****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****DSPro-VME****LISTING**[https://aumictechlabs.c
om/products/dspro-vm
e-2/](https://aumictechlabs.com/products/dspro-vm-e-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Danaher / Kollmorgen / Motion Engineering DSPro-VME is a board-level motion controller housed in a 6U VME module format, engineered for step motor control via analog control voltage in VMEbus-based industrial automation and robotics systems. The controller integrates memory-mapped communication with host systems and provides configurable interrupt settings to meet demanding motion control requirements. Technical Specifications Form Factor: B-Size 6U VME module Control Architecture: Step motor control using analog control voltage Communication Interface: Three words in I/O space accessed through one male DE-9 port and one female DE-9 port Memory Addressing: Memory-mapped host communication with address windows configured via on-board DIP switches Interrupt Configuration: Configurable IRQ switch settings Motor Control Outputs: 26-pin box headers for motor signal access; one header per pair of motor axes Bus Support: VMEbus standard with support for both full VME (192-pin 3-row backplane) and reduced VME-- (49-pin backplane) implementations Key Features Front panel LED status indicators Configurable memory address windows for flexible host integration Selectable interrupt levels via DIP switch configuration Dual DE-9 communication ports for bidirectional host interface Modular motor signal architecture supporting multiple axis pairs Typical Applications Precision motion control in industrial automation systems, multi-axis robotic platforms, and test equipment requiring step motor command and feedback over VMEbus architectures. Compatibility & Integration Designed for VMEbus computer systems operating under either full VME or VME-- specifications. Memory-mapped communication enables straightforward integration with standard VME host controllers. Available units typically remain in excellent operational condition; some units may have missing faceplates without impact to functional performance.

DSPROVME Characteristics / Specifications

PARAMETER	VALUE
Model	DSPro-VME
Instrument Type	VME board level motion controller
Bus	VME
Form Factor	VME motion card
Manufacturer	Danaher Kollmorgen Motion Engineering
Literature	Danaher/Kollmorgen/Motion Engineering DSPro-VME listings
Family	Motion Engineering DSPro
Brand Lineage	Motion Engineering Kollmorgen Danaher
System Role	multi-axis motion CPU
Application Class	servo/stepper VME control
Processor Class	DSP motion engine
Axis Class	multi-axis DSPro
Documentation Type	OEM DSPro-VME listing
Vendor Path	Danaher Kollmorgen
Year Class	DSPro-VME
Slot Class	VME
Io Class	encoder/drive I/O on DSPro
Software Class	DSPro motion API
Power Class	VME backplane
Operating Temperature Class	commercial VME
Module Class	DSPro-VME
Control Class	board-level motion
Feedback Class	encoder class on DSPro
Drive Class	analog/PWM class as fitted
Operating temperature	Class: commercial VME

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: commercial VME
Operating Temperature	Class: commercial VME
Operating Temperature Class	commercial VME
Module Class	DSPPro-VME
Control Class	board-level motion
Feedback Class	encoder class on DSPPro
Drive Class	analog/PWM class as fitted Notes Identity from Danaher/Kollmorgen/Motion Engineering DSPPro-VME listings. Axis count, encoder interface, and update rate are on the DSPPro-VME hardware manual.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Model	DSPro-VME
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Axis Class	multi-axis DSPro
Documentation Type	OEM DSPro-VME listing
Vendor Path	Danaher Kollmorgen
Year Class	DSPro-VME
Slot Class	VME
Io Class	encoder/drive I/O on DSPro
Software Class	DSPro motion API
Power Class	VME backplane
Operating Temperature Class	commercial VME
Module Class	DSPro-VME
Control Class	board-level motion
Feedback Class	encoder class on DSPro
Drive Class	analog/PWM class as fitted

Notes

Identity from Danaher/Kollmorgen/Motion Engineering DSPro-VME listings. Axis count, encoder interface, and update rate are on the DSPro-VME hardware manual.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.