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Data Sheet
August 15, 2026

ACROMAG / XEMBEDDED / XYCOM

Acromag / Xembedded / Xycom XVME-212/1 Digital Input Module

Acromag / Xembedded / Xycom Digital Input Board. Frequency Range: DC to 3400 Hz, Voltage / Current Range: Logic 0: 0–1 VDC, Logic 1: 10–50 VDC, On-board 12 VDC isolated supply.

MODEL Acromag / Xembedded / Xycom XVME-212/1	CALIBRATION Available on request
CONDITION Used	STATUS In stock
RFQ / SKU XVME-212/1	LISTING https://aumictechlabs.com/products/xvme-212-1-2/

NIST-traceable cal · SAM registered · 30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Acromag/Xembedded/Xycom XVME-212/1 is a VMEbus-compliant digital input module delivering 32 optically isolated channels for industrial signal acquisition. Built on a double-height (233.7 mm × 160.0 mm) card, it eliminates host processor polling through programmable scanner circuitry that detects and reports state changes via VMEbus interrupt generation. Each channel features 300 VDC optical isolation and eight jumper-selectable debounce intervals to accommodate noisy field environments.Technical Specifications Channels: 32 digital inputs Isolation: 300 VDC channel-to-channel and channel-to-VMEbus GND Input Voltage Range: Logic 1: 10–50 VDC | Logic 0: 0–1 VDC Reverse Bias Protection: 50 VDC On-board Power Supply: Isolated 12 VDC (factory-connected for 12 V relay and switch monitoring; other 10–50 VDC inputs

available with board modification) Maximum Input Frequency: 3400 Hz Minimum Detectable Pulse Width: Positive: 5–25 µsec typical / 100 µsec maximum | Negative: 150 µsec typical / 600 µsec maximum Propagation Delay: Off-to-on: 5–25 µsec typical / 100 µsec maximum | On-to-off: 150 µsec typical / 600 µsec maximum Operating Temperature: 0° to 65° C Humidity: 20–80% RH, non-condensing Shock: 50g peak acceleration, 11 msec duration Vibration: 2.5g maximum acceleration, 0.030" peak-to-peak displacement Altitude: Sea level to 10,000 ft.Key Features Programmable scanner circuitry for change-of-state detection VMEbus interrupt capability (IEEE 1014 Rev. C.1 compliant) Input debounce filtering with eight selectable intervals A24/A16:D16/D08(EO) DTB slave operationTypical Applications Pushbuttons, relay contacts, limit switches, proximity switches, photo-detector switches, pressure switches, alarm trip inputs.Compatibility & Integration Fully compatible with VMEbus systems supporting A24/A16 addressing and D16/D08 data transfers.

XVME2121 Characteristics / Specifications

PARAMETER	VALUE
Model	XVME-212
Variant	XVME-212/1
Instrument Type	VME digital input module
Form Factor	6U VMEbus
Bus Standard	VMEbus
Manufacturer	Acromag Xembedded Xycom
Channel Type	digital inputs
Isolation Class	optical isolation options on family
Input Threshold Class	TTL or industrial voltage per option
Interrupt	VME interrupt support class
Addressing	jumper or software programmable base address
Operating Temperature Class	industrial
Power	VME plus 5 V
Front Panel	status LEDs class
Humidity Class	non condensing
Cooling	forced air VME chassis
Connector	front panel digital input connector
Filtering	input debounce filter class
Polarity	selectable input sense class
Storage Temperature Class	industrial
Compliance	VMEbus specification
Duty	continuous industrial
Grounding	logic and field ground per isolation option
Software	register mapped IO
Storage temperature	Class: industrial

PARAMETER	VALUE
Operating temperature	Class: industrial
Humidity	Class: non condensing

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	Class: industrial
Operating temperature	Class: industrial
Operating Temperature	Class: industrial
Humidity	Class: non condensing
Operating Temperature Class	industrial
Power	VME plus 5 V
Front Panel	status LEDs class
Humidity Class	non condensing
Cooling	forced air VME chassis
Connector	front panel digital input connector
Filtering	input debounce filter class
Polarity	selectable input sense class
Storage Temperature Class	industrial
Compliance	VMEbus specification
Duty	continuous industrial
Grounding	logic and field ground per isolation option
Software	register mapped IO Notes Identity from Acromag / Xycom XVME-212/1 listings. Exact channel count and input voltage range are option dependent on the XVME-212 ordering code.

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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Notes

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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

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