

AEIO-7226 – 6 Ch AI, 2 Ch AO, 2 Ch DI/Counter, 2 Ch DO, 2-Port Ethernet Module



Features	
•	6 Channel Analog Input, Current or Voltage
•	2 Channel Analog Outputs
•	2 Channel Digital Inputs/counters
•	4 Channel Digital Outputs, Sinking
•	Independently Configurable Channels
•	2-Port Ethernet Switch for Daisy-Chain
•	Modbus TCP/UDP

Specifications

Analog Input		Communication	
Channels	6 differential	Ethernet Switch Ports	2 x RJ-45, 10/100 Base-TX
Type	Voltage	Protocol	Modbus TCP/UPD
	Current	Security	ID, Password & IP Filter
Ch. Configuration	Yes, Individual	Dual Watchdog	0.8 Secs Communication Programmable
Resolution	16-bit	2-Way Isolation	
Sampling Rate	Normal Mode: 10 Samples/sec	Ethernet	1500 VDC
	Fast Mode 50: Samples/sec	I/O	2500 VDC
Accuracy	Normal Mode +/-0.1%	EMS Protection	
	Fast Mode: +/-0.5% or better	ESD (IEC 61000-4-2)	±4 kV Contact/Terminal ±8 kV Air for Random Point
Zero Drift	+/-20 µV/°C	EFT (IEC 61000-4-4)	±2 kV for Power Line
Span Drift	+/-25 ppm/°C	Surge (IEC 61000-4-5)	±2 kV for Power Line
Protection	240 Vrms Over Voltage	Power	
	50mA @ 110VDC/VAC Over Current	Polarity Protection	Yes, Reverse
	±200 VDC Common Voltage	Power Range	12 ~ 48 VDC
Input Impedance	Voltage 2 MΩ	Consumption	4.5 W
	Current 125 Ω	Mechanical	
Rejection	86 dB Min. Common Mode	Dimensions (W x L x H)	76 mm x 120 mm x 38 mm
	100 dB Normal Mode	Mounting	DIN-Rail or Wall Mounting
Detection	4 ~ 20 mA, Open Wire	Connectors	Plug-in Screws, Terminal Block
Virtual Isolation	Yes, 400 VDC Ch-Ch	LED Indicators	DO Status, Run, Ethernet
		Environment	
		Operating Temperature	-25 ~ +75°C
		Storage Temperature	-30 ~ +80°C
		Relative Humidity	10 ~ 90% Non-condensing