

AEIO-7228 – 8 Channel AO, Dual Port Ethernet Module



Features	
<ul style="list-style-type: none"> • 8 Channel Analog Outputs, Current & Voltage • 2-Port Ethernet Switch for Daisy-Chain • Independently Configurable Channels • Modbus TCP/UDP 	

Specifications			
Analog Output		EMS Protection	
Channels	8		
Type	Voltage	+0 VDC ~ +5 VDC, +/-5 VDC, +0 VDC ~ +10 VDC, +/-10 VDC	
	Current	+0 mA ~ +20 mA, +4 mA ~ +20 mA	
Resolution	12-bit		
Accuracy	+/-0.1% of FSR		
Voltage Output	10 V @ 10 mA		
Current Load	500Ω Resistance		
Open Wire Detection	4 ~ 20 mA only		
Communication		Power	
Ethernet Switch Port	2 x RJ-45, 10/100 Base-TX		
Protocol	Modbus TCP & UDP		
Security	ID, Password & IP Fiber		
Dual Watchdog	0.8 sec, Communication (Programmable)		
2-Way Isolation		Mechanical	
Ethernet	1500 VDC		
I/O	2500 VDC		
		ESD (IEC 61000-4-2)	±4 kV Contact/Terminal ±8 kV Air for Random Point
		EFT (IEC 61000-4-4)	±2 kV for Power Line
		Polarity Protection	Yes, Reverse
		Power Range	12 ~ 48 VDC
		Consumption	6 W
		Dimensions (W x L x H)	120 mm x 76 mm x 38 mm
		Mounting	DIN-Rail or Wall Mounting
		Connectors	Plug-in Screws, Terminal Block
		LED Indicators	DO Status, Run, Ethernet
		Environment	
		Operating Temperature	-25 ~ +75°C
		Storage Temperature	-30 ~ +80°C
		Relative Humidity	10 ~ 90% Non-condensing