

ASIO-4024 – 4 Channel Analog Output Module w/ Modbus

02/17/14



Features	
4 channel analog module	
12 bit resolution	
Serial RS-485 interface to SoftPLC, via Modbus or ADAM-4000 TLM	

Specifications			
Analog Output		Digital Input	
Channels	4	Channels	4
Output Impedance	0.5 Ω	Input Level	Logic level 0: +1 V max. Logic level 1: 10 ~ 30 VDC
Output Range	0 ~ 20 mA 4 ~ 20mA ±10 V	Isolation Voltage	3,000 VDC
Output Type	mA, V	General	
Accuracy	±0.1% of FSR for current output ±0.1% of FSR for voltage output	Connectors	(2) plug-in terminal blocks (#14~28 AWG)
Current Load Resistor	0 to 500 Ω (source)	Power Consumption	3 W @ 24 VDC
Resolution	12-bit	Watchdog Timer	System (1.6 second) & Communication
Isolation Voltage	3,000 VDC	Supported Protocols	ASCII command and Modbus/RTU
Programmable Output Slope	0.125 ~ 128 mA/sec. 0.0625 ~ 64.0 V/sec.	Power Input	Unregulated 10 ~ 30 VDC
Span Temperature Coefficient	±25 ppm/°C	Environment	
Zero Drift	Voltage output: ±30 μV/°C Current output: ±0.2 μA/°C	Humidity	5 ~ 95% RH
		Temperature	Operating: -10 ~ 70°C (-14 ~ 158°F) Storage: -25 ~ 85°C (-13 ~ 185°F)

