

Analog Output Modules

D3-02DA 2-Channel Analog Output	
Number of Channels	2 (independent)
Output Range	0 - 10V, 4-20mA
Channels Individually Configured	Yes. Use different terminals for voltage and current
Resolution	8-bit (1 in 256)
Output Type	Single ended
Output Impedance	0.5 Ω maximum, voltage output
Output Current	10mA minimum, voltage output @10VDC
Load Impedance	550Ω maximum, 5Ω minimum, current output 2kΩ minimum, voltage output
Total Inaccuracy	±0.4% maximum @ 25°C
Accuracy vs. Temperature	±50ppm/°C maximum

Conversion Time	100µs maximum (2 channels/scan)
Power Budget Requirement	80mA @ 9V
External Power Supply	24VDC, ±10%, 170mA, class 2
Operating Temperature	32° to 140°F (0° to 60°C)
Storage Temperature	-4° to 158°F (-20° to 70°C)
Relative Humidity	5 to 95% (non-condensing)
Environmental Air	No corrosive gases permitted
Vibration	MIL STD 810C 514.2
Shock	MIL STD 810C 516.2
Noise Immunity	NEMA ICS3-304

Note 1: Shields should be connected to the 0V (COM) of the module.
Note 2: Unused voltage and current outputs should remain open (no connections).

