

Analog Output Modules

F3-04DA-1 4-Channel Analog Output <--->	
Number of Channels	4
Output Range	0 - 5V, 0-10V 4-12 mA, 4-20 mA (source)
Channels Individually Configured	Yes
Resolution	12-bit (1 in 4096)
Output Type	Single ended (one common)
Output Impedance	0.5ohm typical, voltage output
Output Current	5mA source, 2.5mA sink (voltage)
Short-circuit Current	40mA typical, voltage output
Load Impedance	1Kohm maximum, current output 2Kohm minimum, voltage output
Linearity Error	±1 count (±0.03% maximum)
Maximum Inaccuracy at 77° F (25° C)	± 0.6% of span, current output ± 0.2% of span, voltage output

Accuracy vs. Temperature	±50ppm/°C maximum
Conversion Time	30µS maximum
Power Budget Requirement	144mA @ 9V, 108mA @24V
External Power Supply	None required
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).

