

Analog Output Modules

F4-04DAS-2 4-Channel 0-5V/10V Isolated Analog Output ←---→	
Number of Channels	4, isolated
Output Range	0-5VDC, 0-10VDC
Resolution	16 bit (1 to 65536)
Isolation Voltage	±750V continuous, channel to channel, channel to logic
Load Impedance	2kΩ min
PLC Update Rate	1 channel per scan min., 4 per scan max.
Digital Output Points Required	16 data bits, 2 channel ID, 1 output enable 32 (Y) output points
Power Budget Requirement	60mA @ 5VDC (supplied by base)
Terminal Type (included)	Removable (D4-16IOCON)
External Power Supply	60mA per channel, 21.6VDC-26.4VDC

Linearity Error (End-to-End)	± 10 count maximum (0.015% of full scale)
Conversion Settling Time	3ms to 0.1% of full scale
Gain Calibration Error	± 32 counts (± 0.05%)
Offset Calibration Error	± 13 counts (± 0.02%)
Maximum Inaccuracy	±0.07% @ 77° F (25° C) ±0.18% @ 32 to 140° F (0 to 60° C)
Operating Temperature	0 to 60°C (32° to 140°F)
Storage Temperature	-20 to 70° C (-4 to 158°F)
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

One count in the specification table is equal to one least significant bit of the analog data value (1 in 65536).
 NOTE 1: Shields should be connected to the 0V terminal.
 NOTE 2: For non-isolated outputs, connect all 0V's together (0V1...0V4) and connect all +V's together (+V1...+V4).

