

SJ-ETHER/SJ Series

Analog Module

Analog Output Module 《4 Channels》

C0-04DA-1



Output Specifications

Items	Specifications
Outputs per Module	4
Output Range	4 to 20 mA (Source)
Resolution	12-bit, 3.9 μ A/count
Output Type	Current sourcing at 20 mA maximum (One common)
Output Value in Fault Mode	Less than 4 mA
Load Impedance	0 to 600 Ω at 24 VDC; minimum load: 0 Ω 32°F to 131°F (0°C to 55°C) ambient temp.
Maximum Inductive Load	1 mH
Allowed Load Type	Grounded
Maximum Inaccuracy	$\pm 1\%$ of range
Maximum Full Scale Error (Including Offset)	$\pm 0.2\%$ of range maximum
Maximum Offset Error	$\pm 0.2\%$ of range maximum
Accuracy Against Temperature	± 75 ppm/°C maximum full scale calibration change ($\pm 0.005\%$ of range/°C)
Maximum Crosstalk at DC, 50/60 Hz	-72 dB, 1 LSB
Linearity Error (End-to-end)	± 4 LSB maximum ($\pm 0.1\%$ of full scale)
Output Stability and Repeatability	$\pm 2\%$ LSB after 10 minute warmup period typical
Output Ripple	$\pm 0.1\%$ of full scale
Output Settling Time	0.3 ms maximum, 5 μ s minimum (Full scale range)
All Channel Update Rate	10 ms
Maximum Continuous Overload	Outputs open circuit protected
Field to Logic Side Isolation	1,800 V AC applied for 1 second (100% tested)
Type of Output Protection	Electronically limited to 20 mA or less
Output Signal at Power Up and Power Down	4 mA
External VDC Power Required	145 mA
Bus Power Required (24 VDC)	20 mA
Terminal Block Replacement	ADC p/n C0-8TB
Weight	82 g

Wiring Diagram

