

SJ-ETHER/SJ Series

Analog Module

Analog Input Module 《4 Channels》

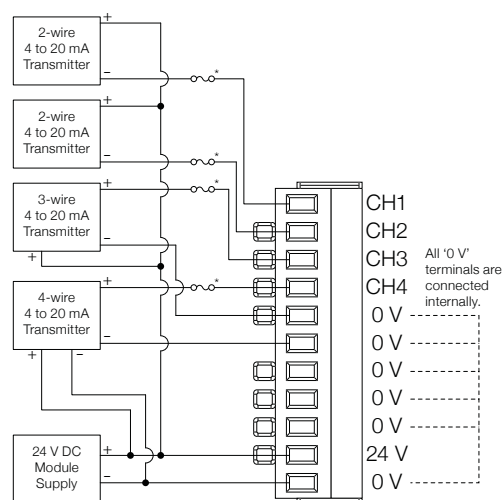
C0-04AD-1



Input Specifications

Items	Specifications
Inputs per Module	4
Input Range	0 to 20 mA (Sink)
Resolution	13-bit, 2.44 μ A/count
Input Type	Single ended (One common)
Maximum Continuous Overload	± 44 mA
Input Impedance	124 Ω , 0.5 W current input
Filter Characteristics	Low pass, -3 dB at 120 Hz
Sample Duration Time	2 ms
All Channel Update Rate	25 ms
Accuracy Against Temperature	Maximum ± 75 ppm/ $^{\circ}$ C
Maximum Inaccuracy	0.5% of range (Including temperature changes)
Linearity Error (End-to-end)	± 3 count maximum, monotonic with no missing codes
Input Stability and Repeatability	Maximum ± 2 count
Full Scale Error (Including Offset)	Maximum ± 8 count
Offset Error	Maximum ± 8 count
Maximum Crosstalk at DC, 50/60 Hz	Maximum ± 2 count
Field to Logic Side Isolation	1,800 V AC for 1 sec.
Recommended Fuse (External)	ADC p/n S500-32-R (0.032 A fuse)
External 24 V DC Power Required	65 mA
Bus Power Required (24 VDC)	20 mA
Terminal Block Replacement	ADC p/n C0-8TB
Weight	82 g

Wiring Diagram



* 0.032 A fast-acting fuse (ADC p/n S500-32-R) is recommended.