

ADAM-6117EI 8-ch Isolated Analog Input Module

The ADAM-6117EI is a 16-bit, 8-channel isolated analog input module. It accepts millivoltage inputs (± 150 mV, ± 500 mV), voltage inputs (± 1 V, ± 5 V and ± 10 V) and current input (± 20 mA, 4~20 mA). Each analog channel can be configured to an individual range for a variety of applications.



Fig. 1 ADAM-6117EI Module

Mode Selection Switch

You can set ADAM module as Initial mode or Normal mode by the DIP switch in the side of each module.

- Initial mode: you can use ADAM.Net utility to configure and test the module via Ethernet connection between PC and the module.
- Normal mode: You can directly connect the module to EtherNet/IP master device, such as Allen-Bradley PLC, by EtherNet/IP protocol



Fig. 2 Module Mode Selection

Input Mode Switch

SW1~SW4 are used to set input modes for each channel.

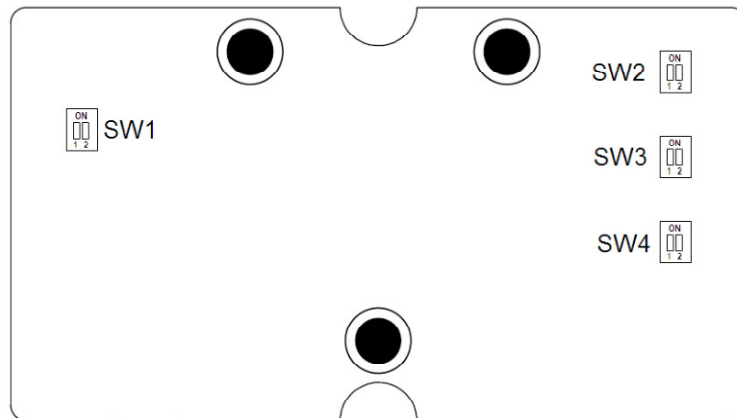


Fig. 3 Input Mode Selection

Switch	SW1		SW2		SW3		SW4	
Position	1	2	1	2	1	2	1	2
Channel	Ch1	Ch0	Ch3	Ch2	Ch5	Ch4	Ch7	Ch6
ON	Current Mode							
OFF	Voltage Mode (Default)							

Application Wiring

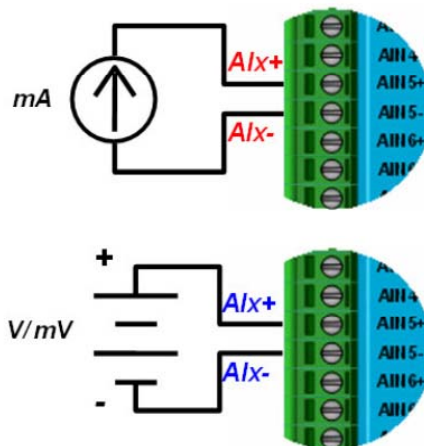


Fig. 4 Current Input and Voltage Input Wiring