

AEIO-6117EI / AEIO-6117PN

8 Channel Isolated Analog Input Ethernet Module

02/06/14



| Features | |
|--|--|
| 8 channels analog input | |
| 16 bit resolution | |
| Ethernet/IP version: AEIO-6117EI Profinet version: AEIO-6117PN | |
| (2) LAN ports for daisy-chain connections, no switches, racks, or bus couples required | |

Specifications

| Analog Input | | General | |
|-------------------------|--|---|---|
| Channels | 8 (differential) | LAN | 10/100Base-T(X) |
| Input Impedance | >10 MΩ (voltage) 120 Ω (current) | Power Consumption | 3 W @ 24 VDC |
| Input Type | mV, V, mA | Connectors | (2) RJ-45 LAN, (Daisy Chain) Plug-in screw terminal block (I/O and power) |
| Input Range | ±150 mV, ±500 mV, ±1 V, ±5 V, ±10 V, 0~20 mA, 4~20 mA, ±20 mA | Watchdog | System (1.6 second) and Communication (programmable) |
| Span Drift | ±30 ppm/°C | Power Input | 10 ~ 30 VDC |
| Zero Drift | ±6 μV/°C | Module Dimensions | 110 x 60 x 27 mm (HxWxD) |
| Resolution | 16-bit | Construction Material | Impact Resistant ABS plastic |
| Accuracy | ±0.1% of FSR (Voltage) at 25°C ±0.2% of FSR (Current) at 25°C | Certifications & Compliances | CE, FCC rated, ROHS Compliant |
| Sampling Rate | 10 samples/second (total) | Environment | |
| CMR @ 50/60 Hz | 92 dB | Temperature | Operating: -10 ~ 70°C (-14 ~ 158°F) |
| NMR 50/60 Hz | 60 dB | | Storage: -20 ~ 80°C (-4 ~ 176°F) |
| High Common Mode | 200 VDC | Relative Humidity (non-condensing) | Operating: 20 ~ 95% RH |
| | | | Storage: 0 ~ 95% RH |

| Protection | |
|------------------------------------|-----------|
| Isolation Protection | 2,500 VDC |
| Built-in TVS/ESD Protection | |
| Power Reversal Protection | |