ADAM-6217

8-ch Isolated Analog Input

Analog Input

- **Channels:** 8 differential
- **Input Type:** mV, V, mA
- **Input Range:**
    ±150mV, ±500mV, ±1V, ±5V, ±10V,
    ±20mA, 0~20mA, 4~20mA
- **Input Impedance:**
    > 10 MW (voltage)
    120 W (Current)
- **Accuracy:**
    ± 0.1% of FSR (Voltage) at 25°C
    ± 0.2% of FSR (Current) at 25°C
- **Resolution:** 16-bit
- **Sampling Rate:** 10 samples/sec (total)
- **CMR @ 50/60 Hz:** 92 dB
- **NMR @ 50/60 Hz:** 67 dB
- **Span Drift:** ±30 ppm/°C
- **Zero Drift:** ±6 µV/°C
- **Common Mode:** 200VDC

General

- **Certification:** CE, FCC, UL
- **LAN:** 2-port 10/100Base-T(X) *(for Daisy Chain)*
- **Connectors:**
    2 x RJ-45 (LAN)
    2 x plug-in terminal blocks (#14 ~ 28 AWG)
- **Power Input:** 10 ~ 30 VDC
- **Power Consumption:** 4 W @ 24 VDC
- **Watchdog Timer:** System (1.6 s) & Communication
- **Supports Peer-to-Peer** *(Receiver only)*
- **Supports GCL** *(Receiver only)*
- **Supports Modbus/TCP, TCP/IP, UDP, RESTful Protocols**

Protection

- **Isolation Protection:** 2000 VDC
- **Built-in TVS/ESD Protection**
- **Power Reversal Protection**

Environment

- **Operating Humidity:** 20 ~ 95% RH (non-condensing)
- **Storage Humidity:** 0 ~ 95% RH (non-condensing)
- **Operating Temperature:** -10 ~ 70°C (14 ~ 158°F)
- **Storage Temperature:** -20 ~ 80°C (-4 ~ 176°F)