

ADAM-4017

8-ch Analog Input Module



Analog Input

- **Channels:** 8 differential
- **Input Type:** mV, V, mA
- **Input Range:**
 - ±150 mV, ±500 mV,
 - ±1 V, ±5 V, ±10 V,
 - ±20 mA
- **Accuracy:**
 - Voltage mode: ±0.1% or better
 - Current mode: ±0.2% or better
- **Resolution:** 16-bit
- **Sampling Rate:** 10 sample/second (total)
- **Isolation Voltage:** 3,000 VDC
- **CMR @ 50/60 Hz:** 120 dB
- **NMR @ 50/60 Hz:** 100 dB
- **Span Drift:** ± 25 ppm/°C
- **Zero Drift:** ± 6 μV/°C

General

- **Certification:** CE, FCC
- **Connectors:** 2 x plug-in terminal blocks (#14 ~ 28 AWG)
- **Power Input:** Unregulated 10 ~ 30 VDC
- **Power Consumption:** 1.2 W @ 24 VDC
- **Watchdog Timer:** System (1.6 s) & Communication
- **Supported Protocols:** ASCII command

Environment

- **Operating Humidity:** 5 ~ 95% RH
- **Operating Temperature:** -10 ~ 70°C (14 ~ 158°F)
- **Storage Temperature:** -25 ~ 85°C (-13 ~ 185°F)