ADAM-4016
ADAM-4017

Specifications

General
- Connectors: 2 x plug-in terminal blocks (#14 – 22 AWG)
- Power Consumption: 2.2 W @ 24 Vdc
- Watchdog Timer: System (1.6 s)
- Supported Protocols: ASCII command

Analog Input
- Channels: 1 differential
- Input Impedance: Voltage: 2 MΩ Current: 125 Ω (Added by users)
- Input Type: mV, mA
- Input Range: ±15 mV, ±50 mV, ±100 mV, ±500 mV, ±20 mA

Analog Output
- Channels: 1
- Accuracy: 0.05% of FSR
- Output Type: V
- Output Range: 0 – 10 V
- Drift: ±50 ppm/°C
- Drive Current: 30 mA
- Isolation Voltage: 3,000 Vdc

Digital Output
- Channels: 4, open collector to 30 V, 30 mA max. load
- Power Dissipation: 300 mW

Common Specifications

General
- Power Input: Unregulated 10 – 30 Vdc
- Connectors: 2 x plug-in terminal block (#14 – 22 AWG)

Analog Input
- 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

Environment
- Humidity: 5 – 95% RH
- Operating Temp.: -10 – 70°C (14 – 158°F)
- Storage Temp.: -25 – 85°C (-13 – 185°F)

Ordering Information
- ADAM-4016: 1-ch Analog Input/Output Module
- ADAM-4017: 8-ch Analog Input Module