ADAM-4017

8-ch Analog Input Module

Features

- 8-ch Analog Input (voltage or current)
- Protocols:ASCII
- Watchdog timer to recover the system

Specifications

General

- **Power Consumption** 1.2 W @ 24 V_{DC}
- **Watchdog Timer** System (1.6 second)
- **Supported Protocols** ASCII command
- **Power Input** Unregulated 10 ~ 30 V_{DC}
- **Connectors** 2 x plug-in terminal block (#14 ~ 22 AWG)

Analog Input

- **Channels** 8 differential
- **Input Type** mV, V, mA
- **Input Range** ±150 mV, ±500 mV, ±1 V, ±5 V, ±10 V, ±20 mA

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 V_{DC}
- **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-4017-E** 8-ch Analog Input Module

All product specifications are subject to change without notice.
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