# ADAM 4017

## 8 Channel Analog Input Module



### Features

#### Analog Input :

- **Effective resolution :** 16-bit
- **Channels :** 6 Differential , 2 Single Ended
- **Input type :** mV, V or mA
- **Input range :** ±150 mV, ±500 mV, ±1 V, ±5 V, ±10 V and ±20 mA
- **Isolation voltage:** 3000 $V_{DC}$
- **Fault and overvoltage protection :** Withstands overvoltage up to ±35 V
- **Sampling rate:** 10 samples/sec. (Total)
- **Input impedance:** 20 M ohms
- **Bandwidth:** 13.1 Hz @ 50 Hz , 15.72 Hz @ 60 Hz
- **Accuracy:** ±0.1% or better
- **Zero drift:** ±6µV/°C
- **Span drift:** ±25 ppm/°C
- **CMR @ 50/60 Hz:** 92 dB min
- **Built-in Watchdog Timer**

#### Power

- **Power requirements:** +10 ~ +30 $V_{DC}$ (non-regulated)
- **Power consumption:** 1.2 W

## Ordering Information

- **ADAM 4017 :** 8 Channel Analog Input Module

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