

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**: $\pm 0.1\%$ or better
- **Zero drift**: $\pm 6 \mu V/^{\circ}C$
- **Span drift**: ± 25 ppm/ $^{\circ}C$
- **CMR @ 50/60 Hz**: 92 dB min
- **Built-in Watchdog Timer**

Power

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

Ordering Information

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



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