



M-7017

8-channel Analog Input Module

M-7017-G

Analog Input

- Channels: 8 differential
- Input type: mV, V, mA (requires optional external 125 ohm resistor)
- Input range: $\pm 150\text{mV}$, $\pm 500\text{mV}$, $\pm 1\text{V}$, $\pm 5\text{V}$, $\pm 10\text{V}$ and $\pm 20\text{mA}$
- Resolution: 16-bit
- Sample rate: 10 Samples/Second
- Bandwidth: 15.7 Hz
- Accuracy: $\pm 0.1\%$
- Zero drift: $\pm 20\mu\text{V}/^\circ\text{C}$
- Span drift: $\pm 25\text{ppm}/^\circ\text{C}$
- CMR @ 50/60 Hz: 86 dB min
- NMR @ 50/60 Hz: 100 dB
- Input Impedance: 20M Ohms
- Over voltage protection: $\pm 35\text{V}$
- Isolation: 3000Vdc
- Indication LED Light
For power and communication
- Support Modbus and DCON Protocol

Communication Interface

- RS-485

Power Supply

- Input Voltage Range : +10~+30Vdc
- Power Consumption : 1.3W

Ordering Information

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| M-7017 | 8-channel Analog Input Module |
| M-7017 CR | 8-channel Analog Input Module (RoHS) |