



M-7018

8-channel Analog Input Module

M-7018-G

Analog Input

- Channels: 8 differential
- Type: mV, V, mA
- Thermocouple: Type J, K, T, E, R, S, B, N, C, L, M
- Voltage range: $\pm 15\text{mV}$, $\pm 50\text{mV}$, $\pm 100\text{mV}$, $\pm 500\text{mV}$, $\pm 1\text{V}$, $\pm 2.5\text{V}$
- Current range: $\pm 20\text{mA}$ (requires optional external 125 ohm resistor)
- Sampling rate: 10 Samples/Second
- Bandwidth: 15.7 Hz
- Accuracy: $\pm 0.1\%$
- Zero Drift: $0.5\mu\text{V}/^\circ\text{C}$
- CMR @ 50/60 Hz: 150 dB
- NMR @ 50/60 Hz: 100 dB
- Span drift: $25\text{ppm}/^\circ\text{C}$
- 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 : $+10\sim+30\text{Vdc}$
- Power Consumption : 1.0W

Ordering Information

M-7018	8-channel Analog Input Module
M-7018 CR	8-channel Analog Input Module (RoHS)