



**M-7019R-G**

## **M-7019R** **8-channel Universal Analog Input Module with High Voltage Protection**

### **Analog Input**

- Input Channels: 8 differential
- Input Type: mV, V, mA, Thermocouple
- Voltage range:  $\pm 15\text{mV}$ ,  $\pm 50\text{mV}$ ,  $\pm 100\text{mV}$ ,  $\pm 150\text{mV}$ ,  $\pm 500\text{mV}$ ,  $\pm 1\text{V}$ ,  $\pm 2.5\text{V}$ ,  $\pm 5\text{V}$ ,  $\pm 10\text{V}$
- Current range:  $\pm 20\text{mA}$  (jumper selectable)
- Thermocouple Range : Type J, K, T, E, R, S, B, N, C, L, M, L2
- Resolution : 16-bits
- Sampling Rate : 8 samples/second (Total)
- Accuracy : For  $\pm 15\text{mV}$ :  $\pm 0.3\%$  of FSR  
Others:  $\pm 0.15\%$  of FSR
- -3dB BandWidth : 5.24Hz
- Common Mode Rejection : Typical 86dB
- Voltage Input Impedance :  $>2\text{M Ohms}$
- **Individual Channel Configurable**
- **Wire Opening Detection for Thermocouple**
- Isolation Voltage : 3000Vdc
- Indication LED Light  
For power and communication
- **Over voltage protection: 240Vrms**
- **Support Modbus and DCON Protocol**

### **Communication Interface**

- RS-485

### **Power Supply**

- Input Voltage Range :  $+10\sim+30\text{Vdc}$
- Power Consumption : 1.2W

### **Ordering Information**

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