



**W-M1B111**



**W-M1B112**



## Specifications

### General

- Power Input Range 10~60VDC
- Power Consumption 1.6W@24VDC
- Watchdog Timer System(1.6 second Fixed) Communication (Programmable)
- Connector 1 x plug-in terminal block (#16 ~ 30 AWG)
- Temperature (Operating) -25~70°C
- Humidity 5~95%
- Temperature (Storage) -30~75°C
- Interface RS-485
- Communication Protocol Modbus/RTU
- Communication Speed Serial: From 1200 to 115.2k bps
- Communication Distance Serial: 1.2km
- Isolation Protection 3000VDC

### Analog Input

- Channels 8 Differential
- Voltage Range  $\pm 1V, \pm 5V, \pm 10V, 0\sim 1V, 0\sim 5V, 0\sim 10V$
- Disconnection Detection Yes
- Channel Independent configuration Yes
- Sampling Rates 2.5 samples/second per channel
- Resolution 16-bit
- Accuracy  $\pm 0.1\%FSR$
- Input Impedance  $1M\Omega$
- Span Drift  $\pm 25ppm/^\circ C$
- Zero Drift  $\pm 6\mu V/^\circ C$
- Input Voltage Protection  $\pm 35V$

## Specifications

### General

- Power Input Range 10~60VDC
- Power Consumption 2.8W@24VDC
- Watchdog Timer System(1.6 second Fixed) Communication (Programmable)
- Connector 2 x plug-in terminal block (#16 ~ 30 AWG)
- Temperature (Operating) -25~70°C
- Humidity 5~95%
- Temperature (Storage) -30~75°C
- Interface RS-485
- Communication Protocol Modbus/RTU
- Communication Speed Serial: From 1200 to 115.2k bps
- Communication Distance Serial: 1.2km
- Isolation Protection 3000VDC

### Analog Input

- Channels 16 Differential
- Voltage Range  $\pm 1V, \pm 5V, \pm 10V, 0\sim 1V, 0\sim 5V, 0\sim 10V$
- Disconnection Detection Yes
- Channel Independent configuration Yes
- Sampling Rates 2.5 samples/second per channel
- Resolution 16-bit
- Accuracy  $\pm 0.1\%FSR$
- Input Impedance  $1M\Omega$
- Span Drift  $\pm 25ppm/^\circ C$
- Zero Drift  $\pm 6\mu V/^\circ C$
- Input Voltage Protection  $\pm 35V$