

# W-M1B109 / W-M1B110

8 / 16 Channels Current Input Module



## **Main Features**

- Current Input ±20mA, 4~20mA, 0~20mA
- Input Impedance Current: 120 Ω
- Sampling Rates 2.5 Samples / Second per Channel
- Communication Protocol: Modbus RTU



# Introduction

W-M1B109 / W-M1B110, 8 and 16 channels current analog input modules offering the flexibility and variety for the different kinds of industrial automation applications. It's capable of connecting to sensors and equipment used on site and make users a good experience due to the friendly configuration.

# **Specification**

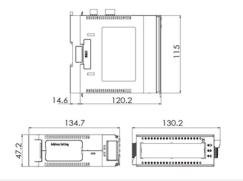
Model Name	W-M1B109 (8 Channels)	W-M1B110 (16 Channels)
Analog Input		
Input Type	Current	
Current Range	±20 mA, 4-20 mA, 0-20 mA	
Burn-out Detection	4-20 mA	
Sampling Rates	2.5 Samples / Second per channel	
Resolution	16-bit	
Accuracy	± 0.1% FSR	
Input Impedance	Current: 120 Ω	
Span Drift	± 25 ppm/°C	
Zero Drift	± 6 μV/°C	
Input Voltage Protection	± 36V	
Channel Independent Confi	guration Ye	es
General		
Interface	RS-485	
Communication Protocol	Modbus RTU	
Communication Speed	From 1200-115.2k bps	
Communication Distance	1.2 km at 9.6 kbps	
Power Consumption	1.6W @ 24 VDC	2.8W @ 24 VDC
Power Requirement	10 – 60 VDC	
Watchdog Timer	System (1.6 Second Fixed)	
LED Indicators	PWR, Comm, Program, Status	
Intra-Module Isolation, Field-to-Logic	2500	VDC

## **Environmental**

Temperature: -25 to +70 °C (Operating) -30 to +75 °C (Storage) Humidity: Operating Relative Humidity: 10% to 90% (non-condensing) **Dimension** 

Weight: 65g (Average)

Dimension: 472mm x 121mm x 120mm



#### **Ordering Information**

W-M1B109

8 channels current input module

W-M1B110

16 channels current input module

