

W-M1B111 / W-M1B112

8 / 16 Channels Voltage 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-M1B111 / W-M1B112, 8 and 16 channels voltage analog input modules with the excellent performance benefits to industrial automation applications. Continuously the rugged features of Wolf I/O series, it's reliable enough to stand on site where the harsh environments.

Specification

Model Name	W-M1B111 (8 Channels)	W-M1B112 (16 Channels)
Analog Input		
Input Type	Voltage	
Voltage Range	±1 V, ±5 V, ±10 V, 0-1 V, 0-5 V, 0-10	
Burn-out Detection	4-20 mA	
Sampling Rates	2.5 Samples / Second per channel	
Resolution	16-bit	
Accuracy	± 0.1% FSR	
Input Impedance	Voltage: 2 MΩ	
Span Drift	± 25 ppm/°C	
Zero Drift	± 6 μV/°C	
Input Voltage Protection	± 36V	
Channel Independent Configuration Yes		
<u>General</u>		
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

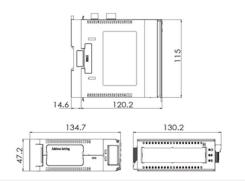
Temperature: -25 to +70 °C (Operating)
-30 to +75 °C (Storage)

Humidity: Operating Relative Humidity:
10% to 90% (non-condensing)

Dimension

Weight: 65g (Average)

Dimension: 472mm x 121mm x 120mm



Ordering Information

W-M1B111

8 channels voltage input module

W-M1B112

16 channels voltage input module

