

SI-W709

› 8 Channels Differential Analog Input I/O Module



Features



- 8 Channels differential Analog input
- Support voltage, current, thermocouple input
- Support over voltage protection
- Support standard Industrial communication protocol
- Support wide operating temperature -25°C~75°C
- Support wide-ranged voltage DC In (9~50V)

Specifications

System

Communication Interface	RS-485
Baud Rate	9600 bps~115,200 bps (Max)
Communication Protocol	Modbus / RTU
Intra-module Isolation	3000V
Installation	DIN-Rail or Wall Mount
LED Indicator	Power LED, Green R/W LED, Orange Error LED, Red Modbus LED, Green
I ² C Interface	Temperature / Humidity sensor module
Power Supply	9~50VDC In from terminal block
System Weight	220 g
Dimensions (W x H x D)	115 x 90 x 39 mm
Certification	FCC / CE

Environment

Operating Temperature (Ambient with airflow)	-25°C~75°C (-13°F~167°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Humidity	20%~90%

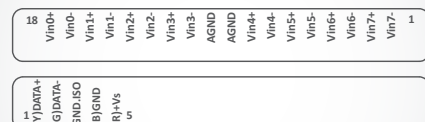
Applications

- Building Automation
- Factory Automation
- Machine Automation
- Remote Maintenance
- Remote Diagnosis
- Testing Equipment

I/O (Analog Input)

Channels	8	
Wiring	Differential	
Sensor Type	Voltage	+15mV, +- 50mV, +-100mV, +- 500mV, +-1V, +-2.5V
	Current	+20mA, 0~+20mA, +4~+20mA
	Thermocouple	J, K, T, E, R, S, B
Resolution	16 bit	
Accuracy	0.1 % of FSR	
Sample Rate	10Hz (Total)	
Input Impedance	> 400KΩ	
Common Voltage Protection	25VDC	
Overvoltage Protection	+120VDC	

Pin Assignments



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