

MAS-AO-08-D Field Interface Board 8 Analog Output

Masibus Analog Output Field Interface Board has 8 channels that accepts various types of current/voltage signals and converts them to isolated current/voltage signals. It is compact universal DIN rail mounted with labeled input and output connections. Independent zero & span adjustment for each channel is possible.

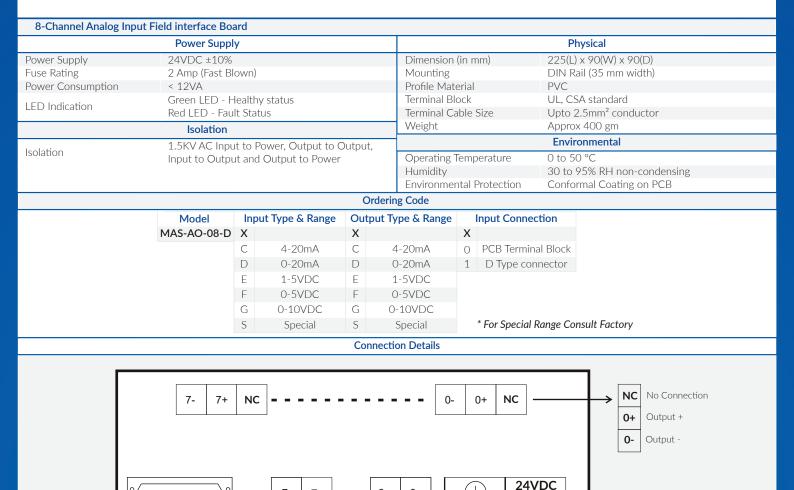
Applications

- Eliminate Ground Loop problems
- Protect Expensive control systems against Field Faults
- Isolate and Translate System Signals
- Field Interface for PLC/DCS/SCADA systems

TECHNICAL SPECIFICATIONS

8-Channel Analog Input Field interface Board			
Input		Output	
No of Channels & Type	8 Channel DC Volt/Current (Factory Set)	Output	As per Ordering Code
Input Range	As per Ordering code	Response Time	≤20 milli second at full load
Input Impedance	Current: I/P: 100 Ohms Voltage: I/P: >5M Ohms	Output Terminals	PCB Terminal Block accepts 2.5 mm² conductor size
I/P Connection	PCB Terminal Block or 25 pin D-Type connector	Load Impedance	0/1 to 5V @ 1KΩ min, 0 to 10V @ 3KΩ min 0/4 mA to 20mA @750Ω max
		Fault Indication	Red LED for over/under range (1-5V/4-20mA only)
		Accuracy	0.1% of Output Span
		Drift	0.1% per Year
		Calibration	Zero & Span Individual per channel by multi-turn trim pots

TECHNICAL SPECIFICATIONS



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0+

7-

0-

Input

25 Pin D-Type connection

for Input(Optional) PI. Refer wiring Details 7+

0+

Input

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Electronics Ground

+

+ 24VDC +

- 24VDC -