



Field Interface Board

MAS-AI-RTD-08-D

8 RTD Input

Masibus RTD Field Interface Board has 8 nos of RTD Pt-100; 3W input channels and offers field selectable 4-20mA/ 1-5 VDC o/p. It is compact universal DIN rail mounted. Calibration for each channel is done by Zero & Span setting by trim-pots. Response time is less than 50 msec. This interface module is equipped with open sensor detection & reverse voltage protection.

Applications

- Multi-channel RTD to current converter
- Field Interface for PLC/DCS/SCADA
- Reduce cost/channel for RTD input
- Panel space saving

Technical Specifications

8-Channel RTD Field interface Board

Input

No of Channels & Type	8 Channel RTD-PT100-3 Wire (With 3 wire compensation) (Factory Set)
Input Range	As per Ordering code
Input Impedance	RTD I/P > 5M
I/P Connection	PCB Terminal Block accepts 2.5mm ² conductor size

Output

Output	4-20mA or 1-5V (jumper selectable)
Response Time	≤50milli second at full load
Output Terminals	PCB Terminal Block accepts 2.5mm ² conductor size
Load Impedance	For Current: upto 750 Ohms For Voltage: more than 250K Ohms
Accuracy	0.1% of output span
Drift	0.1% per Year
Calibration	Zero & Span Individual per channel by trim pots

