

MODBUS CHANNEL EXPANDER

MB8VI

General purpose, analog input, MOD-BUS expansion module.

FEATURES

- 8 Voltage or Current inputs (user selectable).
- Provides instantaneous values and calculated statistics.
- User interface with LC Display and button. Displays measurements and allows setting changes.
- DIN-rail mounting.
- Compatible with the Stylitis family of data loggers.
- Made in E.U. under ISO9001:2015.

COMMUNICATION

- MODBUS RTU, 9600 Baud (RS-485).

SENSOR EXCITATION OUTPUT

4.096V ±0.3%.

Current: 10mA.

APPLICATIONS

- Resources assessment.
- Agriculture.
- Process measurements.



SPECIFICATIONS

Analog inputs

8, single-ended, 16 bit resolution.
Input voltage range unipolar: 0 ~ 1.25, 2.5, 5, 10V.
Input voltage range bipolar: 0 ~ ±0.64, 1.25, 2.5, 5, 10V.
Input impedance: > 1 Mohm
Input current range: 0-20/4-20 mA.
Accuracy: ±0.07% of Full Scale.

Counter Inputs

2 analog inputs may be used as counter/event inputs.
Input threshold: +200mV
Maximum frequency: 3kHz

Data format

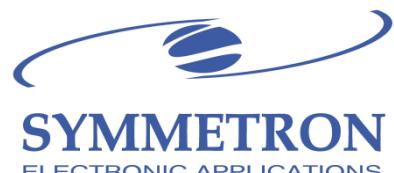
- Instantaneous values.
- Statistical values: Min, Max, Average, SDV for the interval between the previous and current queries.
- Up to 4 inputs may be configured as type 'Wind Vane' with true Vector statistics.

Dimensions

Width: 106.25 mm
Height: 90.20 mm
Depth: 57.50 mm

General

Power consumption: <20 mA
Power supply: 6~24 VDC
Operating temperature: -30 ~ +70 °C
Environmental protection: IP20
Certification: CE
Warranty: 2 years.
Material: UL94V-0 rated ABS



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