

Product sheet

Mixed analog I/O module 4 inputs 2 outputs

Brand: SCHNEIDER

Reference: IMPO BMXAMM0600



Mixed analog I/O module for the Modicon X80 range, with 4 analog inputs and 2 analog outputs. It supports current signals (0...20 mA, 4...20 mA) and voltage (± 10 V, 0...10 V, 0...5 V, 1..5 V). Input resolution up to 14 bits for ± 10 V. Measurement accuracy 0.25% at 25 °C.

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Description

Mixed analog I/O module for automation systems, compatible with the Modicon X80 range. Designed to integrate up to 4 analog inputs and 2 analog outputs, it allows the connection of current signals (0...20 mA, 4...20 mA) and voltage (0...5 V, 0...10 V, 1..5 V, ± 10 V). It does not include insulation between inputs and outputs.

Technical characteristics

- Number of analog inputs: 4
- Analogue input type: Current 0...20 mA, Current 4...20 mA, Voltage ± 10 V, Voltage 0...10 V, Voltage 0...5 V, Voltage 1..5 V
- Analog input resolution: 12 bits (0...20 mA, 0...5 V, 1..5 V, 4...20 mA), 13 bits (0...10 V), 14 bits (± 10 V)
- Overload allowed in inputs: ± 30 mA (0...20 mA), ± 30 mA (4...20 mA), ± 30 V (± 10 V, 0...10 V, 0...5 V, 1..5 V)
- Analogue output resolution: 11 bits (0...20 mA, 4...20 mA), 12 bits (± 10 V)
- Conversion time: ≤ 2 ms
- Measurement errors: 0.25% of the complete scale (± 10 V, 0...10 V, 0...5 V, 1..5 V, 0...20 mA, 4...20 mA), 0.35% for 0...20 mA and 4...20 mA
- Operating temperature: 0...60 °C
- Storage temperature: -40...85 °C
- Degree of protection: IP20
- Energy consumption: 2.6 W (24 V DC typical), 0.35 W (3.3 V DC typical)

- Weight: 0.155 kg
- Connection: 20 tracks, 1 connector
- LEDs: RUN (green), Channel Diagnosis (green), ERR (red), I/O (red)
- Electromagnetic compatibility: Directive 2014/30/EU
- Low Voltage Directive: 2014/35/EU
- Certifications: CE, RCM, CSA, UL, Merchant Navy generator
- According to REACH without SVCC: Yes
- No mercury: Yes
- EU RoHS Directive: Proactive (out-of-scope) compliance

Specifications

EAN	3595863966268
Manufacturer	SCHNEIDER
# Elements	4
Weight (kg)	0,155
Power (W)	2,6
Protection	IP20
Nominal voltage (V)	24

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