

## Product sheet

## 4-channel isolated analog output module

Brand: SCHNEIDER

Reference: IMPO BMXAMO0410



4-channel analog output module for Modicon X80 system, with galvanic insulation between channels and earth. It supports current signals 0...20 mA and 4...20 mA, and voltage  $\pm 10$  V. 15 bit resolution + signal, conversion time  $\leq 1$  ms.

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### Description

Module analog output of the Modicon X80 range, designed for industrial applications with 4 independent analog outputs. It offers insulation between channels and barrage, ensuring stability in electromagnetically aggressive environments.

#### Technical characteristics

- Number of analogue outputs: 4
- Analogue output type: Current (0...20 mA, 4...20 mA), Voltage ( $\pm 10$  V)
- Analog output resolution: 15 bits + signal
- Power supply: Internal power supply via rack
- Conversion time:  $\leq 1$  ms
- Load impedance:  $\geq 1000$  for  $\pm 10$  V,  $\leq 500$  for 4...20 mA
- Insulation: Isolated
- Minimum crosstalk attenuation: 80 dB
- Common rejection: 100 dB
- Insulation voltage: 1400 V DC between channels and ground, 1400 V DC between channels and bar, 750 V DC between channels
- Operating temperature: 0...60 °C
- Storage temperature: -40...85 °C
- Relative humidity: 5...95 % at 55 °C without condensation
- Degree of IP protection: IP20
- Typical consumption: 3 W (24 V DC), 0.45 W (3.3 V DC)

- Vibration resistance: 3 gn
- Shock resistance: 30 gn
- Maximum operating altitude: 0...2000 m, 2000..5000 m with
- Status LED: RUN (green), Channel Diagnosis (green), ERR (red), I/O (red)
- Weight: 0.15 kg
- Directives: 2014/35/EU (low voltage), 2014/30/EU (EMC)
- Certifications: CE, RCM, CSA, UL, Merchant Navy generator
- Standards: EN/IEC 61010-2-201, EN/IEC 61131-2, UL 61010-2-201, CSA C22.2 No 61010-2-201
- Sustainable State: Product Green Premium
- According to REACH without SVCC: Yes
- EU RoHS Directive: Proactive (out-of-scope) compliance
- No mercury: Yes
- RoHS exemptions: Yes
- WEEE: Must be recycled according to specific system in the EU

Specifications

|                     |                                  |
|---------------------|----------------------------------|
| High                | 150 mm                           |
| Width               | 100 mm                           |
| EAN                 | 3595864081571                    |
| Manufacturer        | SCHNEIDER                        |
| Range               | Industrial                       |
| Long                | 150 mm                           |
| Length              | 1                                |
| # Elements          | 4                                |
| Weight (kg)         | 0,15 kg                          |
| Power (W)           | 3 W (24 V CC), 0,45 W (3,3 V CC) |
| Depth               | 50 mm                            |
| Protection          | IP20                             |
| Nominal voltage (V) | 24 V CC                          |

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