

Product sheet

8-channel 16-bit analog output module

Brand: SCHNEIDER

Reference: IMPO BMXAMO0802



Analog output module for industrial automation systems, with 8 power outputs in configuration 0...20 mA and 4...20 mA. 16 bit resolution, maximum conversion time of 4 ms, without insulating between channels.

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Description

Analog output module of the Modicon X80 range, designed for industrial automation systems. It allows to control up to 8 analog outputs with flexible configuration for 0...20 mA or 4...20 mA, ideal for integration in industrial environments.

Technical characteristics

- Number of analogue outputs: 8
- Analogue output type: Current, status 1 (0...20 mA / 4...20 mA)
- Analog output resolution: 16 bits
- Analog input resolution: 16 bits
- Measurement error: 0.1% of full scale at 25 °C
- Temperature change: 45 ppm/°C (0...20 mA and 4...20 mA)
- Minimum crosstalk attenuation: 80 dB
- Common rejection: 80 dB
- Load impedance: $\leq 350 \Omega$ (4...20 mA)
- Conversion time: ≤ 4 ms
- Power supply: Internal source via rack
- Power consumption: 3.6 W (24 V DC typical), 3.9 W (maximum), 0.35 W (3.3 V DC typical), 0.48 W (maximum)
- Degree of protection: IP20
- Operating ambient temperature: 0...60 °C
- Storage ambient temperature: -40...85 °C

- Relative humidity: 5...95 % at 55 °C without condensation
- Vibration resistance: 3 gn
- Shock resistance: 30 gn
- Maximum operating altitude: 0...2000 m (2000...5000 m with)
- Connection: 20 tracks, 1 connector
- Insulation: Not isolated
- 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 supply status: Product Green Premium
- REACH Regulation: Do not contain SVHC
- According to REACH without SVCC: Yes
- EU RoHS Directive: Proactive (out-of-scope) compliance
- No mercury: Yes
- RoHS exemptions: Yes
- RoHS China Regulations: X
- WEEE: To be discarded by specific system in the EU

Specifications

EAN	3595864081588
Manufacturer	SCHNEIDER
Range	Industrial
Measures	20 vías, 1 conector
# Elements	8
Weight (kg)	0,15 kg
Power (W)	3,6 W (24 V CC típico), 3,9 W (máximo)
Protection	IP20
Nominal voltage (V)	24 V

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