

Product sheet

Analog Output Module 2 Channels 0-10 V

Brand: SCHNEIDER

Reference: IMPO TMC2AQ2V



Analog output module for Modicon M221C controllers with 2 voltage outputs in the 0...10 V range, 12-bit resolution, 20 ms conversion time, and 40 ms stabilization time. Supports resistive load with minimum impedance of 2 k Ω , maximum cable length of 30 m.

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Description

Analog output module for Modicon M221C systems, designed to generate two analog voltage signals in the 0...10 V range. Ideal for integration into industrial control systems requiring precision in process signal output.

Technical Specifications

- Number of analog outputs: 2
- Analog output type: Voltage, state 1 0...10 V
- Resolution: 12 bits
- Output clip: 2.44 mV per 0...10 V voltage
- Load type: Resistive
- Minimum load impedance: ≥ 2 k Ω
- Conversion time: 20 ms
- Stabilization time: 40 ms
- Absolute accuracy error: ± 1 % of full scale ± 0.3 % full scale at 25 °C
- Temperature drift: ± 0.02 %FS/°C
- Repeatability accuracy: ± 0.4 %FS
- Linearity: ± 0.01 %FS
- Crosstalk: ≤ 1 LSB
- Cable type: Shielded twisted pair
- Conductor cross-section: 3 1.5 mm²
- Terminals: 2 screw terminals with clamping capacity: 3.81 mm field for outputs

- Maximum cable distance between devices: <30 m for output
- Isolation: No isolation between analog output and internal logic
- Height: 41 mm
- Depth: 15 mm
- Width: 35 mm
- Weight: 0.015 kg
- Immunity to microshorts: 10 ms
- Sustainable offering status: Green Premium product
- REACH Regulation: Contains SVHC above threshold
- EU RoHS Directive: Proactive compliance (outside RoHS EU regulatory scope)
- Free of toxic heavy metals: Yes
- Mercury-free: Yes
- RoHS exemptions: Yes
- China RoHS Regulation: X
- PVC-free: Yes

Specifications

High	41 mm
Width	35 mm
EAN	3606480649103
Manufacturer	SCHNEIDER
Range	Industrial
Measures	41 mm x 35 mm x 15 mm
Weight (kg)	0,015 kg
Depth	15 mm

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