

39.00 EUR

incl. 19% VAT, plus [shipping](#)

- Norvi X Series !
- 4x Analog Outputs !
- Extension !



Support: [Specifications](#)

- 4-Channel Analog Output
- 12-bit DAC Resolution
- 0-10V DC / 4-20mA Support
- I²C Expansion Bus
- DIP Switch Addressing
- Status LED indicators for each input channel
- Plug-and-play connection to NORVI X CPU module via expansion bus
- DIN-rail Mounting

The NORVI X-AQ4 is a high-performance 4-channel analog output expansion module for the NORVI X Modular Controller, enabling precise control of industrial actuators, VFDs, and process valves.

Featuring an onboard STM32 microcontroller for dedicated 12-bit DAC management, the module offloads timing-critical signal generation from the main CPU to ensure superior stability. It provides four independent outputs configurable for 0-10V or 4-20mA signals, each protected by active filtering and TVS diodes for maximum noise immunity and surge protection in harsh industrial environments.

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| Range of product | NORVI X |
| Product type / | Expansion Module f. NORVI X Series |
| Model | NORVI X-AQ4 |

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|--------------------------|--|
| Certifications | EN 61131-2:2007 EN 61010-1:2010+A1:2019 EN IEC 61010-2-201:2018 2014/30/EU- Electromagnetic Compatibility (EMC) Annex III, Part B, Module C |
| Dimensions | 81 x 104 x 23 mm |
| Mounting | DIN RAIL |
| Terminal Type | Push-in terminal |
| Environment | IP20 Operating altitude: 0-2000 meters Operating Temperature: -10 ... - +85°C Shock resistance: 15 gn for 11ms Resistance to electrostatic discharge: 4kV on contact / 8kV on air |
| Supply Voltage (V) | 24V / 80mA |
| I/O Specification | |
| Output Channels | 4 Channels |
| Resolution | 12-bit |
| Output Ranges | 0-10V DC / 4-20mA (Software Configurable) |
| Debugging | Micro-USB (For Debugging & Firmware Only) |
| Communication | I2C |
| Microcontroller | STM32 Series (Internal Bridge) |
| Power Supply | 24V DC (via Expansion Bus) |
| Internal Interface | High-Speed SPI (MCU to DAC Output Stage) |