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.

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

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
Dimmensions	81 x 104 x 23 mm
Mounting	DIN RAIL
Terminal Type	Push-in terminal
Envirement	**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)