49.00 EUR
incl. 19% VAT, plus shipping

- Norvi X Series !
- 4x Analog Inputs !
- 0 – 20mA !
- Extension !

Support: Specifications

- 4 × Analog Input channels
- High-resolution ADC (16-bit)
- I²C communication interface
- Suitable for industrial signal monitoring
- Compact design for expansion systems
- Designed for NORVI X modular architecture

The NORVI X-AI4 is a 4 x Analog Inputs Expansion module designed for the NORVI X modular controller platform.

It provides four analog input channels suitable for industrial monitoring and measurement applications. The inputs are conditioned using precision signal amplifiers and digitized through an ADS1115 I²C ADC, enabling accurate data acquisition with minimal MCU I/O usage.

Range of product	NORVI X
Product type / Model	Expansion Module f. NORVI X Series NORVI X-AI4
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	
Number of Analog Inputs	4
Analog Input Measurement Range	4 – 20mA / 0 – 20mA
Analog to Digital Converter (ADC)	ADS1115
ADC Resolution	16-bit
ADC Communication	I2C
ADC Power Supply	3.3 V