

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

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



**Support:** [Specifications](#)

- 4 x Analog Input channels
- High-resolution ADC (16-bit)
- I<sup>2</sup>C 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 I<sup>2</sup>C 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<br>NORVI X-AI4   |
| Certifications       | EN 61131-2:2007<br>EN 61010-1:2010+A1:2019<br>EN IEC 61010-2-201:2018<br>2014/30/EU- Electromagnetic Compatibility (EMC)<br>Annex III, Part B, Module C |

|                                   |  |
|-----------------------------------|--|
| Dimensions                        | 81 x 104 x 23 mm   |
| Mounting                          | DIN RAIL   |
| Terminal Type                     | Push-in terminal   |
| Environment                       | <b>IP20</b><br>Operating altitude: 0-2000 meters<br>Operating Temperature: -10 ... - +85°C<br>Shock resistance: 15 gn for 11ms<br>Resistance to electrostatic discharge: 4kV on contact / 8kV on air |
| Supply Voltage (V)                | 24V / 80mA   |
| <b>I/O Specification</b>          |  |
| 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  |