49.00 EUR
incl. 19% VAT, plus shipping

- **Norvi X !**
- **4x Digital Inputs !**
- **Extension !**

Support: Specifications

- 4 × Optically Isolated 24 V Digital Inputs
- Direct GPIO Link to Host CPU (for high-speed signal acquisition)
- Supports fast inputs such as PWM, pulse trains & encoders
- One common terminal for all four inputs
- DIN-rail mountable industrial enclosure
- Status indicators for each input

NThe NORVI X-DI4 is an industrial-grade digital input expansion module designed to seamlessly integrate with the NORVI X Modular Controller. It provides four optically isolated and protected 24 V DC digital inputs, enabling reliable interfacing with sensors, switches, and other field devices used in industrial automation and monitoring systems.

The DI4 variant directly connects its inputs to the host CPU's GPIO, offering high-speed signal capture suitable for PWM, pulse-train, and encoder inputs. Its design ensures noise immunity, galvanic isolation, and compatibility with both sourcing (PNP) and sinking (NPN) sensor types.

Range of product	NORVI X
Product type / Model	Expansion Module f. NORVI X Series NORVI X-DI4

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 Inputs	4 Digital INputs
Input Type	Isolated 24V DC
Input Voltage Range	0-30 V DC
Logic Low (OFF)	< 5 V DC
Logic High (ON)	> 15 V DC
Input Impedance	~ 7 mA @ 24V
Protection	Over-voltage, Reverse Polarity, ESD Protected Opto-coupler isolation per channel
Status Indicators	4x LED Input indicators
Communication Bus / Type	Internal Expansion Bus Push-in Terminal Block