



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

- I2C
- 4x Digital I/O

**Support:** [Datasheet](#) | [Brochure](#) | [Example Libraries](#)

Expansion Module Adding functions for controllers NORVI is always about on connectivity and expandability. This is the time to make use of Expansion port of NORVI Controllers. The series of expansion modules connects to NORVI IoT controllers via its I2C and UART connections. You can add more features to the NORVI Controller without huge customizations. NORVI provides true technology with reliability for industrial applications being worlds iot hardware manufacturer. We have included NB-IoT, LoRa and analog modules as expansions.

- 4 channel 0 – 10V inputs with ADS1115 16 bit ADC
- I2C Interface with controller
- Maximum current 25 mA
- Voltage up to 35 V
- 10 Ohm Low impedance

|                      |                                   |
|----------------------|-----------------------------------|
| Main                 |                                   |
| Range of product     | NORVI Expansion                   |
| Product type         | Expansion Module - NORVI-EX-ANI01 |
| Rated supply voltage | 12 - 24V DC                       |
| Field of Application | Analog current input              |
| Applicable Devices   | NORVI IIOT / NORVI Arita          |
| Aquisition           | 0 - 20 mA / 4 - 20mA              |
| ADC Chip             | ADS1115                           |
| Module Address       | I2C - 0x48 / 0x49                 |

|                             |                                                                                                             |
|-----------------------------|-------------------------------------------------------------------------------------------------------------|
| Resolution                  | 16bit                                                                                                       |
| Complementary               |                                                                                                             |
| Local signalling            | 1 LED green for PWR                                                                                         |
| Electrical connection       | Removable screw terminal block for inputs and outputs (pitch 5.08 mm)                                       |
| Mounng support              | Top hat type TH35-15 rail conforming to IEC 60715<br><br>Top hat type TH35-7.5 rail conforming to IEC 60715 |
| Height                      | 86.00 mm                                                                                                    |
| Depth                       | 59.00 mm                                                                                                    |
| Width                       | 35.00 mm                                                                                                    |
| Product weight              | 0.12 Kg                                                                                                     |
| Environment                 |                                                                                                             |
| Relave humidity             | 10 ...95% without condensation in operation                                                                 |
| IP degree of protecon       | IP20                                                                                                        |
| Operating altitude          | 0...2000m                                                                                                   |
| Storage altitude            | 0...3000m                                                                                                   |
| Shock resistance            | 15 gn for 11 ms                                                                                             |
| Operating temperature       | -40 to +85 °C                                                                                               |
| Analog Module communication |                                                                                                             |
| Module Type                 | ADS1115                                                                                                     |
| Communication               | I2C                                                                                                         |
| Module Address              | 0x48                                                                                                        |
| Command set                 | Refer datasheet                                                                                             |