



84.95 EUR

incl. 19% VAT, plus shipping

- 2x Digital I/O
- I2C

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.

- 2 channel load cell interface with HX711 24 bit ADC
- I2C Interface with controller
- On-chip acve low noise PGA with selectable gain of 32, 64 and 128
- Built-in power supply regulator for load-cell
- Simultaneous 50 and 60Hz supply rejection
- Selectable 10SPS or 80SPS output data rate

Main

Range of product	NORVI Expansion
Product type	Expansion Module - NORVI-EX-BR01
Rated supply voltage	12 - 24V DC
Field of Application	Weight readings
Applicable Devices	NORVI IIOT / NORVI Arita
Aquisition	Wheatstone bridge load cell
ADC Chip	HX711
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
	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

Relative humidity 10 ...95% without condensation in operation

IP degree of protection 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 HX711

Communication Serial Interface

Module Address NA

Command set <https://norvi.lk/forums/>