



94.95 EUR

incl. 19% VAT, plus shipping

• LoRa

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.

LoRa communication module with the RYLR896 transceiver provides ultra-long range spread spectrum communication and high interference immunity whilst minimising current consumption. The module is certified by NCC and FCC.

- Semtech SX1276 Engine
- High efficiency Power Amplifier
- 127 dB Dynamic Range RSSI
- Built-in and external antenna options
- REYAX RYLR896 | 868 / 915 Mhz
- REYAX RYLR406 | 426 / 433 / 470 Mhz

Main

Range of product	NORVI Expansion
Product type	Expansion Module - NORVI-EX-NB95X
Rated supply voltage	12 - 24V DC
Field of Application	NB-IoT
Applicable Devices	NORVI IIOT / NORVI Arita
Aquisition	Wheatstone bridge load cell
ADC Chip	HX711
RF Band	B1 @H-FDD: 2100MHz B3 @H-FDD: 1800MHz B8 @H-FDD: 900MHz B5 @H-FDD: 850MHz B20 @H-FDD: 800MHz B28* @H-FDD: 700MHz
RF Output power	23dBm±2dB
RF Sensivity	-129dBm±1dB

Complementary

Local signalling

1 LED green for PWR

1 LED green for Communication

Electrical connection

Removable screw terminal block for inputs and outputs (pitch 5.08 mm)

Mounting 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

0.91 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

NB-IoT Module communication

Module Type QUECTEL BC95-G

Communication UART

Module Address NA

Command set AT

Connection NORVI IIOT : UART0 (RXD0, TXD0)

NORVI ARITA : UART2(RXD2, TXD2)