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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 communicaon and high interference immunity whilst minimising current consumpon. The module is cerfied 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

94.95 EUR incl. 19% VAT, plus shipping



Range of product	NORVI Expansion
Product type	Expansion Module - NORVI-EX-NB95X
Rated supply voltage	12 - 24V DC
Field of Application	NB-Io1
Applicable Devices	NORVI IIOT / NORVI Arita
Aquistition	Wheatstone bridge load cell
ADC Chip	HX711
	B1 @H-FDD: 2100MHz
	B3 @H-FDD: 1800MHz B8 @H-FDD: 900MHz
RF Band	B5 @H-FDD: 850MHz
	B20 @H-FDD: 800MHz
	B28* @H-FDD: 700MHz
RF Output power	23dBm±2dB
RF Sensivity	-129dBm±1dB
Complementary	
	1 LED green for PWR
Local signalling	
	1 LED green for Communicaon
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	0.91 Kg
Environment	
Relave humidity	1095% without condensation in operation
IP degree of protecon	IP20
Operating altitude	02000m
Storage altitude	03000m
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	ΝΑ
Command set	AI
	NORVEIIOT : UARTO (RXD0, TXD0)
Connection	
	NORVI ARITA : UART2(RXD2,TXD2)