49.95 EUR
incl. 19% VAT, plus shipping

- Old name LR896

Support: Datasheet | Brochure | Example Libaries

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.

Nb-IoT communicaon module with the REYAX RYLR896 provides ultra low power communicaon interface for NORVI controllers. The module supports the global bands making it applicable around the world with a super high sensivity.

- extremely low power
- Embedded Internet Services Protocols
- Quectel Enhanced AT Commands
- Built-in and external antenna options
- I2C Interface with controller

Main	
Range of product	NORVI Expansion

Product type	Expansion Module - NORVI-EX-LR8XX
Rated supply voltage	12 - 24V DC
Field of Application	LoRa Communicaon
Applicable Devices	NORVI IIOT / NORVI Arita
RF Band	868 / 915 MHZ Type A
RF Output power	-4 dBm to 15 dBm
RF Sensivity	-148 dBm
Communication Range	4.5 km to 15 km
Complementary	
Local signalling	1 LED green for PWR 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	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	RLYR894 | RLYR406 (Order depending on regional regulations)
Communication	UART
Module Address	NA
Command set	AT
Connection	NORVI IIOT : UART0 (RXD0, TXD0) NORVI ARITA : UART2(RXD2,TXD2)