**LoRa Wireless RTU**

**Analog**

2-Channel 4-20ma Inputs

Differential 16 Bit, High&Low Side measurement

Wide common mode range up to 36V

Scale units, High&Low Alarms

**Digital**

2-Channel Opto isolated Inputs

Logic levels up to 36V

2-Channel Relay Outputs

Form C contacts, 220VAC 2A

**Serial**

RS485 ModBus RTU Master

Programmable profiles

Data Rate up to 115200bps

Industrial grade protection

**Power**

5-24VDC Industrial Power Line Input

**Radio**

LoRaWAN Class C

Licence Free ISM Bands (EU868, US915..), Default EU868MHz, 8 Channel

Up to 100mW (20dbm) output power

High sensitivity -148dbm

3dbi External Antenna

Long Range, greater than 10km line of sight

**Configuration**

Easy configuration via USB, Pc, Phone, Tablet

Server side configuration via Downlink

Working parameters with Time schedule, Periodic and Alarm

Full LoRaWAN parameters access

Over The Air Activation (OTAA) with DevEUI, AppEUI, AppKEY

**Physical**

2 screw type I/O plugs

1 USB Micro B

Power and Action LEDs

Aluminum Enclosure with mounting flanges

104 X 69 X 28 mm