

VIPA IC4+

Device for connecting consumption meters with pulse output.

VIPA IC4+ allows connection up to 4 meters with pulse output to wireless network Wireless M-Buss / OMS. Data transmission about consumption of water, gas or electricity using the modern open protocol to system AMR. Transmitted data format is freely configurable.

Power supply is provided by integrated exchangeable battery.

According the operating conditions and configuration, service life is more than 12years.

Device contains 4 fully configurable inputs Reed/NAMUR/SO with adjustable sampling. In case of NAMUR circuit the IC4+ can detect interruption of cabel or short-circuit.

The module contains LEDs indication for status of the connected pulse inputs and the units themselves.

Installation

Configuration is done wirelessly, using ZET810 and RCom protocol.

The module is equipped with mounting holes in the casing. The pulse inputs are connected via screw terminals.

Wireless M-Bus/OMS

Open Metering System (OMS) is open communication standard. Therefor it is useful as long-term stable protocol in every device which allow access to information about consumption.



Benefits

- Wireless M-Bus
- open data standard OMS
- 4 fully configurable inputs
- speed processing of measured values
- easy integration into AMR systems
- easy installation



Radio data transmission



Encrypted data transmission



Wireless M-Bus compatible



OMS standard supported



Manufactured in the Czech Republic

VIPA CZ has 100% Czech owners. We have long lasting experience in development and production of heat cost allocators and subsequent billing of heating costs. Do not hesitate to contact us in case of interest in more detailed information.

Technical data

Lifetime	until 12 years (according to the method of communication settings and configuration)
Power supply	3.6 V volt lithium battery SAFT (Removable)
Number of inputs	4
Input type	Reed contact Reed switch with NAMUR circuit Semiconductor output S0
Frequency broadcast	adjustable from 10 s to approx. 12 h
Sampling inputs	configurable 10 - 100 Hz
Protection against short-circuit and cable break	if the contact pulse transmitter mounted NAMUR circuit module is able to detect open or short supply cable
Dimensions (mm)	65 x 115 x 40 mm without cable glands
Communication protocol	RCom - bidirectional encrypted communication, Wireless M-Bus (OMS) T1 mode
Operating frequency	868,95 MHz
Transmitting power (max.)	12 mW
Antenna	Internal antenna
Operating temperature	-10 °C - +55 °C
Protection category	IP 65 (Wall mounted)

The technical data of the product reserved.

