

Orsis RF data logger

Battery powered data logger

The Orsis battery powered data logger can retrieve data from electricity, gas, flow meters such as water (high and low flow), oil, heat, steam, air and LPG.

The Orsis battery powered data logger communicates through the Orsis LDC via RF (radio frequency). The communication path is two way in respect of data management can be remotely set for data latency and transmission frequency. The information is displayed on Orsis Energize - the data can be used by the consumer to understand their utility consumption.



Features

- ✓ Resilient communication paths
- ✓ Battery powered
- ✓ Multi utility
- ✓ Easy installation
- ✓ Secure 433 MHz radio communications
- ✓ Pulse connection

Ready to get started?

Start your journey today

Orsis

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United Kingdom

General Enquiries
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Sales
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Phone
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Technical Information	
Direct current working voltage	2.7V ~ 6.5V
Working Current	0.05mA ~ 35mA
Operating temperature	-20°C ~ + 60°C
IP rating	IP50 in accordance with IEC 60529:2004
Operating Humidity	5% ~ 100%
RF TX mid frequency	434.1575MHz
RF TX bandwidth	19kHz
RF RX mid frequency	434.3325MHz
RF RX bandwidth	19 kHz
RF data transmission rate	4800 bps
Antenna impedance	50Ω
Antenna gain	2 dBi
RF power	10 mW
Data input impulse frequency	1 Hz
Dimensions	100mm (H) x 105mm (W) x 38mm (D)
Weight (excluding the data line)	600 grams

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