

Water meter VIPA i_Flux

Electric single jet water meter i_Flux with radio transmission that allows to remotely read data.

Safe Reading is Emphasized

The water meter is equipped with an active magnetic protection, which registers attempts to influence function of the water meter by a magnet. The radio module is equipped with an electronic seal to prevent undesirable manipulation.

An electronic protection registers any attempts of removing the module from the water meter. Every information about these attempts will be a part of transmitted data.

Wireless M-Bus/OMS

The communication is based on the Open Metering System Standard. This standard is Europe's only system definition that incorporates all media. It was developed to guarantee a future-proof communication standards and interoperability between all counter products.

OMS counters of different manufacturers can be combined easily.

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.

Benefits

- reading without entering flats
- elimination of errors caused by manual reading
- speeding up measured data processing
- last 18 readings are stored into a device memory
- fully reliable reading, not interfered by a service person
- easy to integrate to existing AMR solutions



Radio data transmission



Encrypted data transmission



Active anti-magnetic protection



Wireless M-Bus compatible



OMS standard supported



Electronics manufactured in the Czech Republic

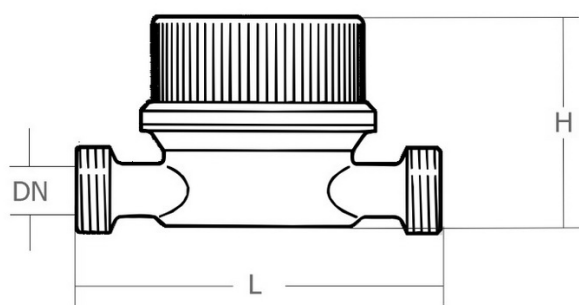
Technical data

Power supply	3.6 volt lithium battery
Protection	active anti-magnetic protection, electronic detection of unauthorized manipulation
Communication protocol	RCom - bidirectional encrypted communication (walk-by), Wireless M-Bus (OMS) T1 mode (AMR)
Device memory	values in last 18 months (RCom - walk-by)
Calendar function	adjustable day in moth of reading
Frequency	868,95MHz
Radiated power (max.)	12 mW
Antenna	Internal antenna
Verification	MID EC-Type examination certificate

Change of technical parameters of the product is reserved.

Basic technical data of the water meter

Diameter	Length	Mounting position Horizontal R=80H				Mounting position Vertical R=50V				Tempera- ture	Work pressu- re max	Pressure loss at Q_3
DN	L	Q_1	Q_2	Q_3	Q_4	Q_1	Q_2	Q_3	Q_4	t	P	ΔP
mm	mm	l/h	l/h	m ³ /h	m ³ /h	l/h	l/h	m ³ /h	m ³ /h	°C	bar	kPa
15	110	20	32	1,6	2,0	32	51	1,6	2,0	30/90	16	25
15	110	31	50	2,5	3,1	50	80	2,5	3,1			
20	130	50	80	4,0	5,0	80	128	4,0	5,0			



- for DN15 and DN20 height H = 63 mm

