

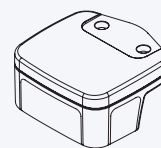


Integrated transmission



Compatible modules

mod. IR-MB-PULSE



Description

Ultrasonic water meter designed for measuring of cold water consumption in households, blocks of flats and for industrial applications.

- > High accuracy up to R500 (Q3/Q1)
- > Mounting in any installation position
- > No measurement of air
- > Wireless M-BUS and/or LoRa integrated transmission modules
- > M-BUS communication with optional external module

Basic Version

- > R400
- > For cold water 0,1-50°C
- > Static water meter using ultrasonic technology
- > Direct reading on 8 digits LCD display
- > IP68
- > Max battery life 13 years*
- > Consumptions historical archive
- > Alarms (reverse flow, leaks...)
- > Digital dial
- > Impossible to fraud magnetically
- > Integrated communication modules WMBUS and/or LoRa
- > Connectable to a PC via IR IEC 62056-21 probe
- > Lid

Upon request

- > Max battery life 16 years*
- > R250 and R500 versions

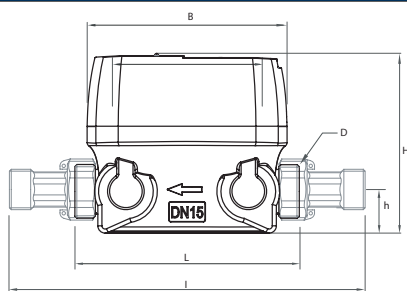
*The battery life strongly depends on the data transmission frequency, set during the configuration process, and on the environmental conditions.

Technical features

Size		DN (in)	15 (1/2")	20 (3/4")	25 (1")	32 (1"1/4)	40 (1"1/2)
R=400	Overload flow rate Q_4	m³/h	3,125	5	7,875	12,5	20
	Permanent flow rate Q_3	m³/h	2,5	4	6,3	10	16
	Transitional flow rate Q_2	L/h	10	16	25,2	40	64
	Min flow rate Q_1	L/h	6,25	10	15,75	25	40
R=250	Transitional flow rate Q_2	L/h	16	25,6	40,3	64	102,4
	Min flow rate Q_1	L/h	10	16	25,2	40	64
R=500*	Transitional flow rate Q_2	L/h	8	12,8	20,16	32	51,2
	Min flow rate Q_1	L/h	5	8	12,6	20	32
	Starting flow	L/h	2	3	5	9	17
	Max reading	m³	99.999				
	Max admissible pressure	bar	16				

*Version on request

Dimensions and Weights



Installation position

✓	✓	✓	✓

Size	DN (in)	15 (1/2")	15 (1/2")	15 (1/2")	20 (3/4")	20 (3/4")	25 (1")	32 (1"1/4)	40 (1"1/2)
L	mm	110	145	165	130	190	260	260	300
I	mm	190	225	245	228	288	360	380	440
H	mm	90	90	90	93	93	107	107	114
h	mm	20	20	20	21	21	30	28	33
B	mm	98	98	98	98	98	98	98	98
D	in	3/4"	3/4"	3/4"	1"	1"	1"1/4	1"1/2	2"
Weight	Kg	0,50	0,55	0,60	0,60	0,75	1,15	1,38	2,03

Threading: EN ISO 228-1:2003