



RANGE
400



IP68
PROTECTION



Alternative Versions

Hot water 30-90 °C

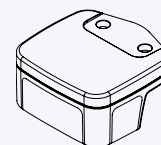


Integrated Transmission



Compatible modules

mod. IR-MB-Pulse



Description

Single jet, digital display with 8 digits Inductive transmission. Produced in the versions for cold water and hot water in the diameters DN15 and DN20 mm (1/2" - 3/4"). 360° rotating dial. WM-Bus* and/or LoRa** integrated transmission modules. External module for M-Bus communication available.

*WM-MBus only (low antenna)

**COMBO: WM-Bus + LoRa (high antenna)

Basic Version

- > R250 H↑ R160 VH↓→
- > For cold 0,1-50°C and hot water 30-90°C
- > Turbine reading through inductive system
- > Direct reading on 8 digits LCD display
- > IP68
- > Max battery life 13 years*
- > Consumptions historical archive
- > Alarms (reverse flow, leaks...)
- > 360° rotating digital dial
- > Impossible to fraud magnetically
- > Integrated communication modules WM-Bus and/or LoRa
- > Connectable to a PC via IR IEC 62056-21 probe

Upon request

- > R400 H↑ and R160 VH↓→ versions
- > R160 version
- > Lid

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

Technical features

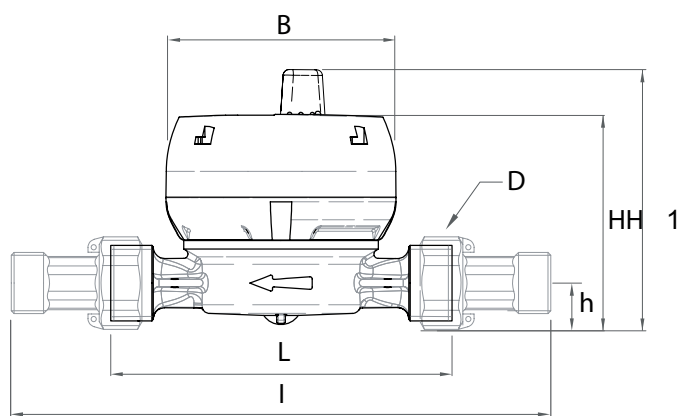
Size		DN (in)	15 (1/2")	20 (3/4")
R=250 H↑	Overload flow rate Q_4	m ³ /h	3,125	5
	Permanent flow rate Q_3	m ³ /h	2,5	4
	Transitional flow rate Q_2	L/h	16	25,6
	Min flow rate Q_1	L/h	10	16

R=160 VH↗↘	Transitional flow rate Q_2	L/h	25	40
	Min flow rate Q_1	L/h	15,625	25

R=400 H↑*	Transitional flow rate Q_2	L/h	10	16
	Min flow rate Q_1	L/h	6,25	10
	Max reading	L/h	2	3
	Max reading	m ³	99.999	
	Max admissible pressure	bar	16	

*Version on request

Dimensions and Weights



Installation position			
R160 H↑ R250 H↑ R400 H↑	R160 H→	R160 H↓	R160 V

Size		DN (in)	15 (1/2")	15 (1/2")	20 (3/4")
L		mm	80	110	130
I		mm	160	190	228
H		mm	77	74	77
H1		mm	93	93	96
h		mm	13	14	17
B		mm	81	81	81
D		in	3/4"	3/4"	1"
Weight	with unions	Kg	0,65	0,70	0,85
	without unions	Kg	0,50	0,55	0,60

Threading: EN ISO 228-1:2003