



RANGE
400



IP68
PROTECTION



Alternative Versions

Hot water 30-90 °C

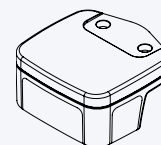


Integrated Transmission



Compatible modules

mod. IR-MB-Pulse



Description

Multi-jet, digital display with 8 digits. Inductive and non-magnetic transmission. Produced in the versions for cold and hot water in the diameters DN15, DN20, DN25, DN32, DN40 and DN50mm. WM-Bus and/or LoRa integrated transmission modules. M-BUS communication with optional external module.

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 or LoRa
- > Connectable to a PC via IR IEC 62056-21 probe

Upon request

- > R400 H↑ and R250 VH→ versions
- > R160 version VH↑→
- > Lid

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

Technical features

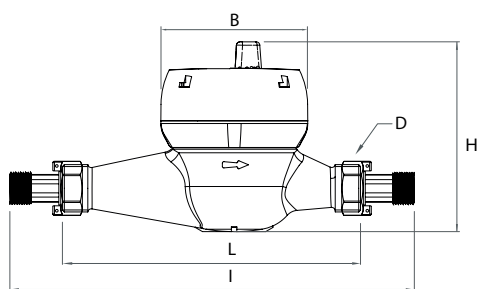
Size		DN (in)	15 (1/2")	20 (3/4")	25 (1")	32 (1"1/4)	40 (1"1/2)	50 (2")
R=250 H↑	Overload flow rate Q_4	m³/h	3,125	5	7,875	12,5	20	31,25
	Permanent flow rate Q_3	m³/h	2,5	4	6,3	10	16	25
	Transitional flow rate Q_2	L/h	16	25,6	40,32	64	102,64	160
	Min flow rate Q_1	L/h	10	16	25,2	40	64	100

R=400 H ↑*	Transitional flow rate Q_2	L/h	10	16	25,2	40	64	100
	Min flow rate Q_1	L/h	6,25	10	15,75	25	40	62,5

R=160 VH→	Transitional flow rate Q_2	L/h	25	40	63	100	160	250
	Min flow rate Q_1	L/h	15,62	25	39,37	62,5	100	156,2
	Sensitivity	L/h	4	6	9	14	25	40
	Min reading	L	0,05					
	Max reading	m³	99.999					
	Max admissible pressure	bar	16					

*Version on request

Dimensions and Weights



Installation position

R250 H↑ R400 H↑*	R160 H→	R160 V

Size	DN (in)	15 (1/2")	20 (3/4")	25 (1")	32 (1"1/4)	40 (1"1/2)	50 (2")
L	mm	145-165-190	190	260	260	300	300
I	mm	225-245-270	288	360	380	440	460
H	mm	109	122	138	148	168	195
B	mm	81	81	81	81	81	81
D	in	3/4"	1"	1"1/4	1"1/2	2"	2"1/2
Weight	Kg	0,6 - 0,7 - 0,8	1,02	1,78	1,85	3,35	3,74

Threading: EN ISO 228-1:2003

The DN50 meters can be supplied flanged according to ISO 7005-2 / EN 1092-2 PN16