



FLANGED Water meter

Ø 50 - 200

w/ reed switch



M012-47 - Rev. 00 -01/2018

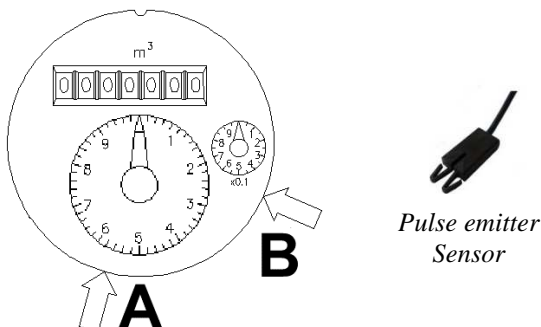
Super dry axial water meter (Woltmann model) for residential or industrial accounting with vacuum sealed direct read register consisting in numbered rollers. The water meter is prepared to report to any external instrument the dosing frequency in function of the detected flow rate, thanks to the reed switch pulse emitter located on the transparent quadrant. The pulse emission rate has to be chosen between one of the two available on the upper clock face and set up during the installation.

FEATURES

- Dry-Dial, magnetic drive (resistance to exterior magnet interference)
- Reed contact: Max voltage 50VDC – Max current intensity 200 mA
- Measurement range R = 50 (relationship between minimum and nominal flowrate)
- Vacuum sealed register to keep a clear visibility in long term service
- External adjusting device (sealed)
- Adjustable *pulse value* if water accounting is not for tax reasons
- Epoxy coated brass body
- Hydraulic verified manufacturing approved by a third party
- 2014/32/UE compliance (MID directive)
- ISO 4064 compliance (Water meters – technical and metrological requirements)
- ACS certification (Attestation de Conformite Sanitaire)

TECHNICAL DETAILS

DIAMETER	mm	50	65	80	100	125	150	200
	Inches	2	2½	3	4	5	6	8
Qmin – Minimum flow	<i>m³/h</i>	0,8	0,8	1,26	2	3,2	5	8
Qn – Nominal flow	<i>m³/h</i>	40	40	63	100	160	250	400
Qmax – Maximum flow	<i>m³/h</i>	50	50	78,75	125	200	312,5	500
ΔP _{Qmax} – Pressure drop @ Qmax	<i>bar</i>	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Pmax – Maximum working pressure	<i>bar</i>	16	16	16	16	16	16	16
Tmax – Maximum working temperature	°C	50	50	50	50	50	50	50
Weight	<i>kg</i>	12	13	15	19	22	47	48
Length	<i>mm</i>	200	200	225	250	250	300	350
K – pulse emitter frequency (A – B)	<i>Lt / pulse</i>	25 - 250	25 - 250	25 - 250	25 - 250	25 - 250	25 - 250	25 - 250
		100 - 1000	100 - 1000	100 - 1000	100 - 1000	100 - 1000	100 - 1000	100 - 1000



PULSE EMITTER FREQUENCY

When ordering a water meter with pulse emitter, a choice on the pulse frequency has to be made. During the installation the pulse emitter must be placed in one of the two holes (A or B) corresponding to a different output:

High freq. – A=25 lt/pulse; B=250 lt/pulse

Low freq. – A=100 lt/pulse; B=1000 lt/pulse