

BAYLAN

WATER METERS

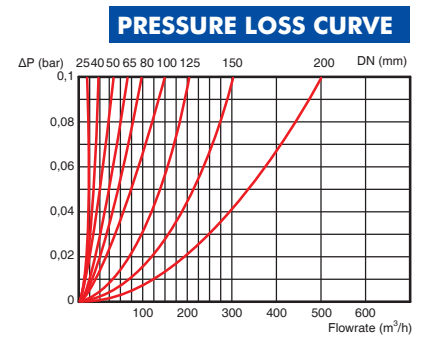
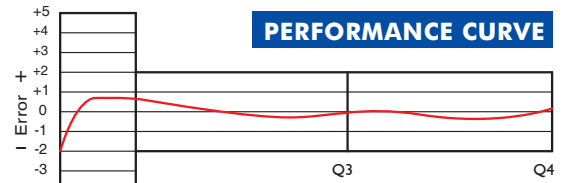
Ultrasonic GPRS

Prepaid Water Meters



GENERAL

- MID Certified • Very good sensitivity in initial starting • Suitable for potable water
- Automated Remote Reading with GSM-GPRS
- Modbus interfaces (Optional)
- Suitable for irrigation water purposes
- No measurement of air
- Suitable for cold water up to 50°C
- Reverse flow detection • Parametric 2 pulse outputs
- Can be mounted all positions desired
- IP 68 protection class • 3 years of warranty
- Lithium battery, 10 years lifetime
- Due to the lack of moving parts, high measurement accuracy
- Calibration is done inside the electronic circuit digitally by software parameters, which is not possible to modify externally
- Via the LCD display providing access to meter data for Billing and check out



MAIN TECHNICAL DATA

Max. Permissible Error in Upper Flow Rates $Q_2 \leq Q \leq Q_4$: $\pm 2\%$ ($\leq 30^\circ\text{C}$), $\pm 3\%$ ($> 30^\circ\text{C}$)

Max. Permissible Error in Lower Flow Rates $Q_1 \leq Q \leq Q_2$: $\pm 5\%$

Max. Water Temperature: 50°C - Max. Working Pressure: 16 bar

Environmental Classes= Climatic : -10°C/+55°C - Mechanic: M1/O - Electromagnetic: E2

METER SIZE DIA (mm)	TYPE	Q ₃ / Q ₁	Q ₄ MAX FLOW	Q ₃ NOMINAL FLOW	Q ₂ TRANSITIONAL FLOW	Q ₁ MIN. FLOW	SMALLEST READING RESOLUTION	MAX. REGISTRATION CAPACITY
			m ³ /h					
25	U 3	≤ 500	7,875	6,3	0,020	0,0126	0,00001	999999
40	U 5	≤ 500	20	16	0,0512	0,032	0,00001	999999
50	UW 6	≤ 400	31,25	25	0,100	0,063	0,00001	99999999
65	UW 0	≤ 400	50	40	0,160	0,100	0,00001	99999999
80	UW 1	≤ 400	78,75	63	0,252	0,158	0,00001	99999999
100	UW 2	≤ 400	125	100	0,400	0,250	0,00001	99999999
125	UW 3	≤ 400	200	160	0,640	0,400	0,00001	99999999
150	UW 4	≤ 400	312,5	250	1,000	0,625	0,00001	99999999
200	UW 5	≤ 400	500	400	1,600	1,000	0,00001	99999999

DIMENSIONS & WEIGHTS

METER SIZE DIA (mm)	L LENGTH	B WIDTH	H HEIGHT	CONNECTING FLANGE			PACKAGE WEIGHT (Without Flange) (kg)	PACKAGE WEIGHT (With Flange) (kg)
				D2 (mm) FLANGE DIA	D1 (mm) FLANGE HOLE CENTER	CONNECTION BOLT (PCS-DIA)		
25	265	113	155	G1 1/4 B	-	-	2,31	2,75
40	415	120	238	G2 B	-	-	10,00	11,00
50	410	165	275	165	125	4 - M16	18,15	22,70
65	475	185	315	185	145	4 - M16	27,10	32,10
80	505	205	315	200	160	8 - M16	30,80	37,40
100	570	220	345	220	180	8 - M16	43,30	50,55
125	670	300	430	250	210	8 - M16	100,2	110,5
150	720	380	445	285	240	8 - M20	117,4	129,9
200	850	370	530	340	295	8 - M20	195,0	213,3

"Due to continuous development of our products, we reserve the right to modify our product design or construction without prior notice."