

Woltman Type Water Meter (With Pulse O/P)

Make: EnthuTech
Brand: akvodrops
Model: AD-WWM



Product Overview:

Woltman Type Water Meter with Pulse Output, the epitome of precision and efficiency in water measurement. Engineered for accuracy, this meter delivers reliable readings for commercial and industrial applications. Its pulse output feature enables seamless integration with monitoring systems, facilitating real-time data analysis and management. With a robust design built to withstand varying environmental conditions, it ensures longevity and minimal maintenance requirements. Trust in its excellence for precise water monitoring and control. Upgrade to our Woltman Type Water Meter with Pulse Output and experience unmatched performance in water management.

Reed Sensors:

The reed sensor is designed as a potential-free normally open contact. It is closed with a frequency proportional to the flow rate by a serially integrated magnet within the counter and open itself automatically again. Typical pulse values are 10 L/P and 100 L/P depending on meter size and mounting position. The reed sensor does not require its own power supply and is therefore the ideal partner for all electronic devices which run on batteries.

Salient Features:

- Woltman Type Water Meter with Pulse Output
- Pulse value: 10 L/P and 100 L/P
- Precision Measurement
- Extra Dry Dial
- Analog Display
- Inline Type
- Hermetically sealed register ensures that all internal parts are clean and prevents fogging throughout the entire lifetime of the meter.
- Graded cast iron body to pass the strongest resistance tests in both static and dynamic conditions.
- High-quality engineered materials for hydraulics and register pivots ensure high reliability and durability.
- Shock-resistant material for register and closure.
- High-performance magnetic transmission ensures no part of the register is in contact with water.
- Interchangeable spare parts for easy maintenance.
- High sensitivity, low-pressure loss
- Meters with pulse output available on request.
- Available for both cold and hot water.
- Strainers are required for better performance.
- Meter IP Rating: IP68

Accuracy & Class:

- Accuracy: $\pm 2\%$
- Accuracy Class: Class B

Certifications & Compliances:

- ISO 4064
- IS779:1994 (In Progress)
- ISO/IEC 17025:2017
- 100% of the products are calibrated and all calibration results can be provided on request.

Size Range: 40mm (1-1/2") to 500mm (20")

Operating Conditions:

- Water In-Line Temperature for cold: $< 45^{\circ}\text{C}$
- Water In-Line Temperature for Hot: $< 90^{\circ}\text{C}$
- Working Temperature 0°C to 60°C
- Working Humidity: 5 to 95% Non-condensing
- Working Pressure: $< 16\text{ bar} / 1.6\text{MPa}$
- $\Delta P < 0.1\text{ MPa}$

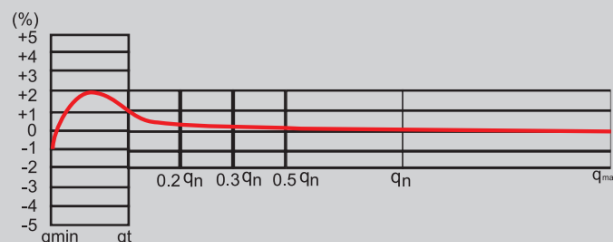
Applications:

- Industries use
- Agriculture applications
- Water supply networks

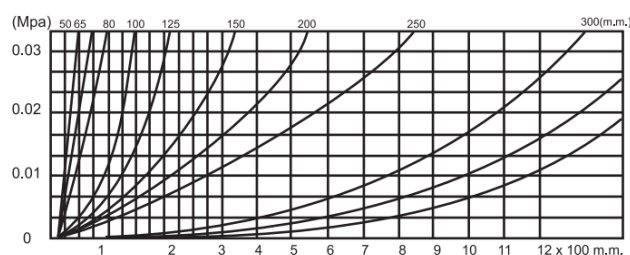
METROLOGICAL DATA

Meter Size (mm)	Class	Q4 m ³ /h	Q3 m ³ /h	Q2 m ³ /h	Q1 m ³ /h	Min. Reading	Max. Reading
40	B	20	10	2	0.3	0.0001	99999.9999
50	B	30	15	3	0.45	0.01	999999
65	B	50	25	5	0.75	0.01	999999
80	B	80	40	8	1.2	0.01	999999
100	B	120	60	12	1.8	0.01	999999
125	B	200	100	20	3	0.01	999999
150	B	300	150	30	4.5	0.1	9999999
200	B	500	250	50	7.5	0.1	9999999
250	B	800	400	80	12	0.1	9999999
300	B	1200	600	120	18	1	9999999
400	B	2000	1000	200	30	1	9999999
500	B	3000	1500	300	45	1	9999999

ACCURACY CURVE



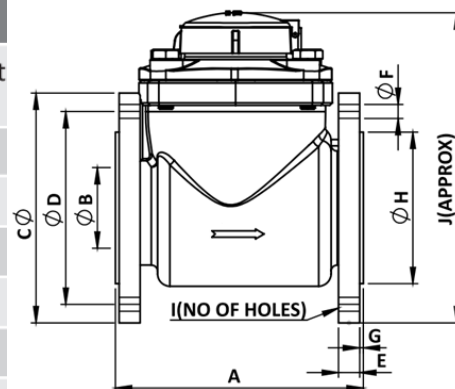
Head Loss Curve



DIMENSIONS

Size	A	B	C	D	E	F	G	H	I	J	Weight (kg)
40	245	40	150	110	13	18	3	88	4	190	7
50	200	50	165	125	17	18	3	102	4	250	12
65	200	65	185	145	17	18	3	122	4	255	13
80	225	80	200	160	17	18	3	138	8	265	15
100	250	100	220	180	19	18	3	158	8	275	19
125	250	125	250	210	19	18	3	188	8	285	22
150	300	150	285	240	21	22	3	212	8	310	28
200	350	200	340	295	23	22	3	268	12	370	42
250	400	250	405	355	26	26	3	320	12	420	80
300	450	300	460	410	28	26	4	378	12	660	115
400	600	400	580	525	34	30	4	490	16	700	187
500	800	500	715	650	42	33	4	610	20	740	256

All Dimensions are in mm unless otherwise specified.



WARRANTY

All meters are covered under warranty against any manufacturing defect for a period of 12 months from date of supply, provided the meter has not been misused, damaged, installed for services it is not recommended, or the seal has been tampered With. The company shall be liable to furnish part' parts thereof or full water meter as the company may deem fit.

Enthu Technology Solutions India Pvt Ltd

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