

ca-c0-231

Woltman WP Water Meter

The Woltman WP Gaer® water meter is a meter with magnetic transmission and dry recording head, for measuring applications in potable water, irrigation and industry networks.

Technical Specifications

- Made from corrosion resistant materials.
- IP68 protection for the head.
- The head can rotate 360 ° for easy reading.
- Interchangeable measuring unit.
- Low pressure drop.
- Protected against disturbances caused by magnetic fields.
- Option: dry contact pulse emitter.
- Body: Ductile casting with epoxy coating.
- Other materials on request (brass).

Installation

The Woltman WP Gaer® water meter can be installed in any position, horizontal or vertical. For non-horizontal installations it is recommended that the flow to be upward.

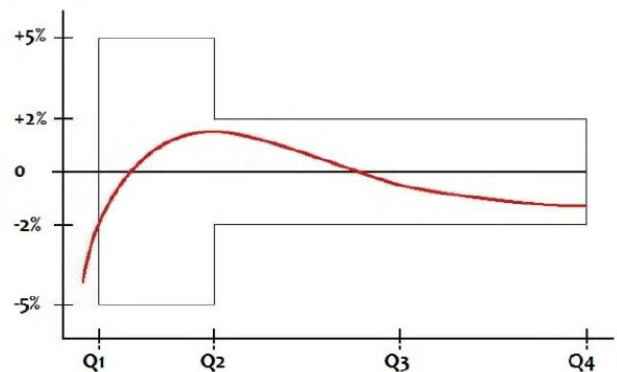
- The meter must always be filled with water.
- Before installing the meter, we recommend that you flush the pipe.
- Straight sections of 10 upstream diameters and 5 downstream diameters (U10 D5) are required to stabilize the flow.

Standards and regulations

- Approved according to the 2004 / 22CE Directive on Measuring Instruments (MID), standard EN 14154 + A1 + A2: 2005, ISO 4064: 2005 and OIML recommendations R-49: 2006:
 - » Module B - Type examination of Model CE - TCM 142/14 - 5153.
 - » Module D - Certificate of quality system - SK 17-QD-SMU018 Revision 0.
- Suitable for drinking water.



Performance graph



Measurement error:
From Q1 to Q2 +/- 5%
From Q2 to Q4 +/- 2%

ca-c0-231

Woltman WP Water Meter

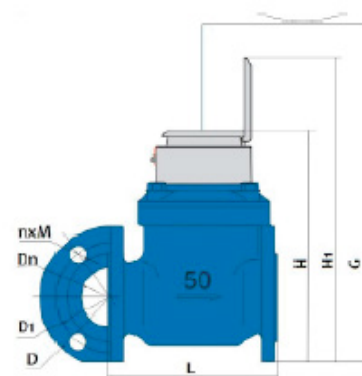
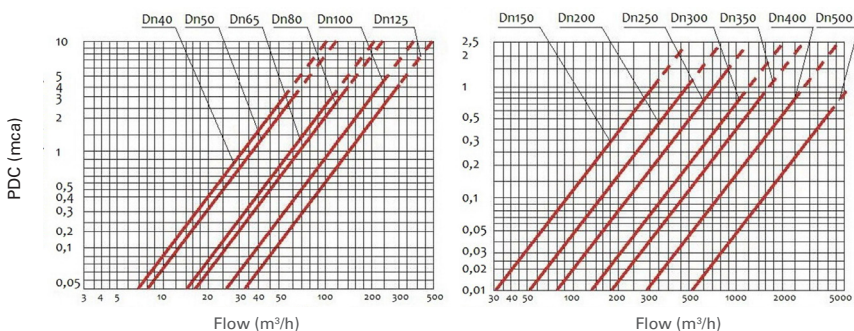
Technical characteristics

Diameter		Q4	Q3	Q2	Q1	Maximum record capacity	Minimum capacity:	Accuracy between Q4 and Q2	Accuracy between Q2 and Q1	R Q3/Q1
mm	inches	m ³ /h	m ³ /h	m ³ /h	m ³ /h	m ³ /h	liters			
40	1 1/2	31,325	25	0,8	0,5	9,996	0,0005	±2%	±5%	50
50	2	50	40	0,8	0,5					
65	2 1/2	78,75	63	1,26	0,7875					
80	3	78,75	63	1,26	0,7875					
100	4	125	100	2	1,25					
125	5	200	160	3,2	2,0	9,997	0,005			80
150	6	312,5	250	5	3,125					
200	8	500	400	8	5	9,998	0,05			
250	10	787,5	630	12,6	7,875					
300	13	1250	1000	20	12,5					
350	14	1250	1000	20	12,5	9,998	0,05			
400	16	2000	1600	32	20					
500	20	3125	2500	50	31,25					

Dimensions

	mm	40	50	65	80	100	125	150	200	250	300	350	400	500
	Inches	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14	16	20
L (mm)		260	200	200	225	250	250	300	350	450	500	500	600	800
H (mm)		225	252	262	272	282	297	341	371	480	516	560	647	785
H1 (mm)		303	339	349	359	369	384	428	458	576	603	603	723	838
G (mm)		360	400	400	400	400	400	500	500	710	730	730	830	930
D (mm)		150	165	185	200	220	250	285	340	405	460	520	580	715
D1 (mm)		110	125	145	100	180	210	240	295	355	410	470	525	650
nxM		4xM16		8xM16		8xM20	12xM20	12xM24	16xM24	16xM27	20xM30			

Headloss



updated 04/2017



www.dorot.com