ca-c0-221

PD Volumetric Water Meter

The PD Gaer@ Volumetric Water Meter model is a rotary (volumetric) piston meter with magnetic transmission and high precision dry type totalizer.

All components are made of high quality materials and resistance to ensure reliable and trouble-free operation.

Cold water counter according to the metrological standard (30ºC, T30), being able to work safely up to 50ºC (T50).

The water meter head allows easy reading. The rotary piston is the main moving part. It is supplied with connection and pre-filter accessories at the entrance. The pre-filter can be cleaned without interfering with the sealing of the meter.

Technical Specifications

- Available diameters: DN15, DN20, DN25, DN32 and DN40.
- Accuracy (Q3 / Q1): R160.
- Maximum temperature: 30ºC (T30). It can work without problems up to 50ºC (T50).
- Maximum working pressure: PN16.
- Body material: Brass and plastic.
- Connections: BSP, optionally NPT.

Installation

- The meter must be installed horizontally.
- The meter must always be filled with water.
- It is necessary to clean the pipes before installing the meter.
- Approved without need to install straight sections for flow stabilization.

Standards and regulations

- The meter has been designed in accordance with ISO 4064: 2005.
- Approved according to Directive 2004/22 / EC of Measuring Instruments (MID), standard EN 14154 + A1 + A2 and the recommendations of OIML R-49: 2006:
  - » Module B - EC Type Examination - TCM 142 / 14 - 5152.
  - » Module D - Quality System Certificate - SK 17-QD-SMU018 Revision 0.
- Optionally can be supplied with check valve and pulse emitter.
- Suitable for drinking water.

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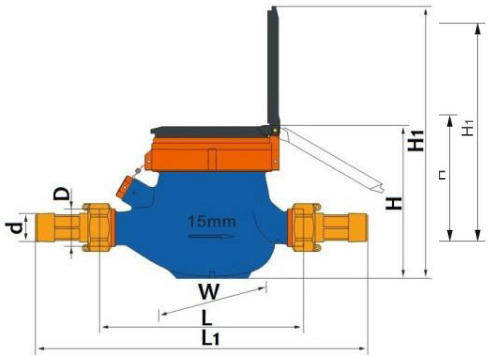
Dimensions

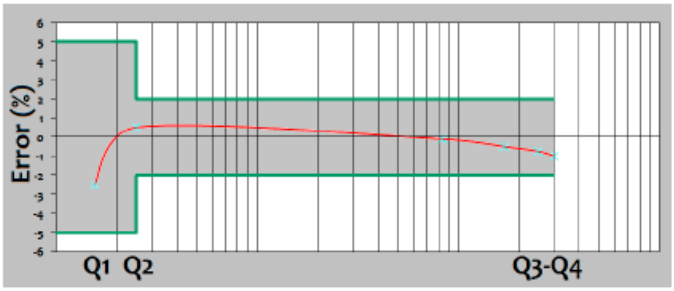
	DN15	DN20	DN25	DN32	DN40
L	165	190	260	260	300
L1	259	294	380	384	431
D	G3/4B	G1B	G1-1/4B	G1-1/2B	G2B
d	R1/2"	R3/4"	R1"	R1-1/4"	R1-1/2"
H	107,5	107,5	117,5	117,5	141,5
H1	191	191	206,5	206,5	256,5
W	94	94	98	98	122



Technical Characteristics

	DN	DN15	DN20	DN25	DN32	DN40
R	Q3/Q1			R160		
Q4	m^3/h	3,125	5	7,875	12,5	20
Q3	m^3/h	2,5	4	6,3	10	16
Q2	l/h	25	40	63	100	160
Q1	l/h	15,625	25	39,375	62,5	100
Maximum record capacity	m^3			99999.9999		
Minimum capacity	Liters			0,05		
Headloss Q3	ΔP			ΔP<63		
Working Pressure	MAP			MAP16		
Maximum Temperature	T			T30		

Performance Graph



updated 05/2017