

CA-C0-203

MultiJet® Water Meter MJ-MAG PL

The MultiJet® Model MJ-MAG PL Gaer® water meter is a dry recording head magnetic transmission meter.



Technical Specifications

- Sizes: 1/2 "to 1 1/2" (DN15 - DN40).
- Maximum working pressure: 16bar.
- Maximum fluid temperature: 50°C.
- Plastic body. Optional brass body.
- BSP thread connection. Optional NPT

Features

- Manufactured with materials of high resistance and quality to avoid corrosion problems.
- IP68 recording head.
- Minimal head loss.
- Protected against disturbances caused by magnetic fields.
- Optionally can be supplied with check valve and pulse emitter.
- The meter has a built-in filter that allows it to be cleaned without breaking the metrological seal.

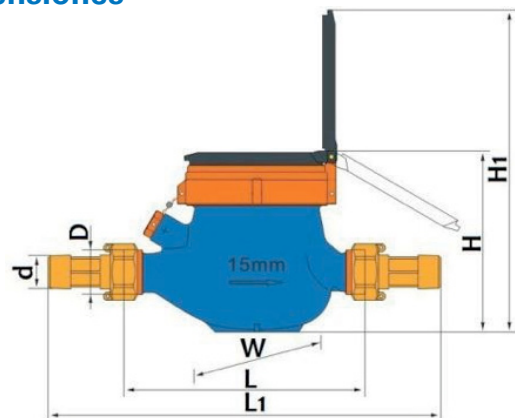
Applications

- Drinking water networks.
- Farming.
- Industrial use.

Standards and regulations

- OIML R49: 2006, EN 14154: 2005 and ISO 4064: 2005.
- EC model examination certificate in accordance with Directive 2004/22 / EC (MID).
- Ratio Q3 / Q1 R80.
- Suitable for drinking water.

Dimensiones



Nominal Diameter	mm	15	20	25	32	40
	pulgadas	1/2	3/4	1	1 1/4	1 1/2
L (mm)		165	190	260	260	300
L1 (mm)		259	294	380	384	431
D Gas thread ("		3/4	1	1 1/4	1 1/2	2
d thread ("		1/2	3/4	1	1 1/4	1 1/2
H (mm)		107,5	107,5	117,5	117,5	141,5
H1 (mm)		191	191	206,5	206,5	256,5
W (mm)		94	94	98	98	122

Optional dimensions

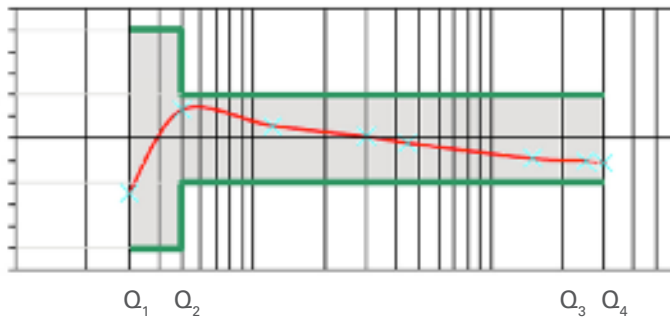
Diameter	DN15	DN20	DN25	DN32	DN40
L	110	160	160	160	200
	120	X	220	230	245
	130	X	225	X	X
	145	X	X	X	X
	170	X	X	X	X
	190	X	X	X	X

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Work Flows

Diameter		Q4 Overload flow rate	Q3 Nominal flow rate	Q2 Transition flow rate	Q1 Minimum Flow	Maximum record capacity	Minimum reading	R Q3/Q1
mm	inches	m³/h	m³/h	l/h	l/h	m³	liters	
15	1/2	3,125	2,5	50	31,25	99999,9999	0,05	80
20	3/4	5	4	80	50			
25	1	7,875	6,3	126	78,75			
32	1 1/4	12,5	10	200	125	99999,9999	0,05	80
40	1 1/2	20	16	320	200			
50	2	31,25	25	500	312,5			

Typical error-flow curve



Maintenance

MJ-SDC Gaer® water meters do not require regular preventive maintenance.

The working range of the meter is between Q1 and Q4. However, working at too high flow rates can shorten the life of the meter, while working at low flow rates causes the meter to work in the most inaccurate range of its range.

The presence of a filter at the entrance allows the meter to be kept in good operating condition, regardless of the presence of impurities in the water.

Installation Requirements

- Water meter can work horizontally or vertically. In the case of installations vertically, we recommend that the water flow is upward.
- The meter must always be filled with water.
- Before installing the meter, we recommend that you flush the pipe.
- This counter model does not need straight sections to stabilize the water flow.
- Example of installation:

