

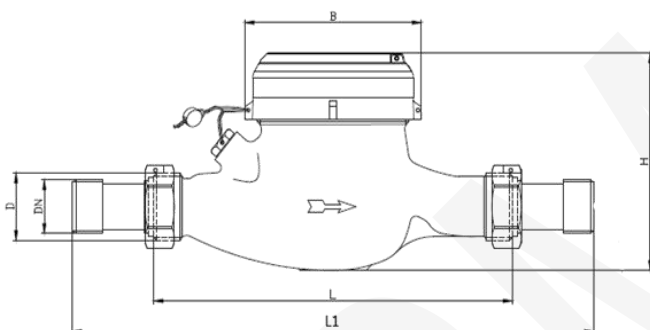
Multi jet Dry type Water Meter MTW

GENERAL

- Multi jet working principle assures a long service time
- Low pressure loss, high sensitivity at initial flow
- IP68 protection with copper / stainless steel register cup
- Reinforced glass with high resistance to pressure and impact
- Electrostatic painted body made of corrosion resistant brass
- Protection against external magnetic fields
- Available for optical reading • 360° rotating lid
- Pulse output and AMR reading features are optional
- Non return valve and filter available
- Suitable for potable water , cold water up to 50°C
- Almost no maintenance • Vacuumed mechanism



Dimension



Size	DN15	DN20	DN25	DN32	DN40	DN50
L (mm)	165	190	260	260	300	300
D	G3/4	G1	G1-1/4	G1-1/2	G2	G2-1/4
DN	G1/2	G3/4	G1	G1-1/4	G1-1/2	G2
B (mm)	87	87	92	92	113	113
H (mm)	112	112	121	121	152	152
Unit weight(kg)	1.19	1.32	2.05	2.13	3.57	4.15
Unit weight(kg) with connection	1.21	1.33	2.08	2.2	3.78	4.25

Size		DN15	DN20	DN25	DN32	DN40	DN50
Overload Flowrate(Q4)	m3/h	3.125	5	7.875	12.5	20	31.25
Permanent Flowrate(Q3)	m3/h	2.5	4	6.3	10	16	25
Transitional Flowrate(Q2)	l/h	50	80	126	200	320	500
Minimum Flowrate(Q1)	l/h	31.25	50	78.75	125	200	312.5
Q3/Q1 (OIML R49)		R80					
Mounting on the network		Horizontal					
Max. Reading	m3	99999.9999				999999.9999	
Min. Reading	Liter	0.05					
Max. Working Pressure	bar	16					
Max. Working Temperature	°C	50					
Pressure Loss	bar	0.63					

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Permanent Flowrate(Q3)	m3/h	2.5	4	6.3	10	16	25
Transitional Flowrate(Q2)	l/h	25	40	63	100	160	250
Minimum Flow rate （Q1）	l/h	15.625	25	39.375	62.5	100	156.25
Q3/Q1 (OIML R49)		R160					
Mounting on the network		Horizontal					
Max. Reading	m3	99999.9999				999999.9999	
Min. Reading	Liter	0.05					
Max. Working Pressure	bar	16					
Max. Working Temperature	°C	50					
Pressure Loss	bar	0.63					

Accuracy

From Q1 inclusive up to but excluding Q2 is **±5%**;

From Q2 inclusive up to and including Q4 is **±2%** for T30 and **±3%** for T50;

Error Curve

Pressure Loss Curve

