WATER METERS

Introduction

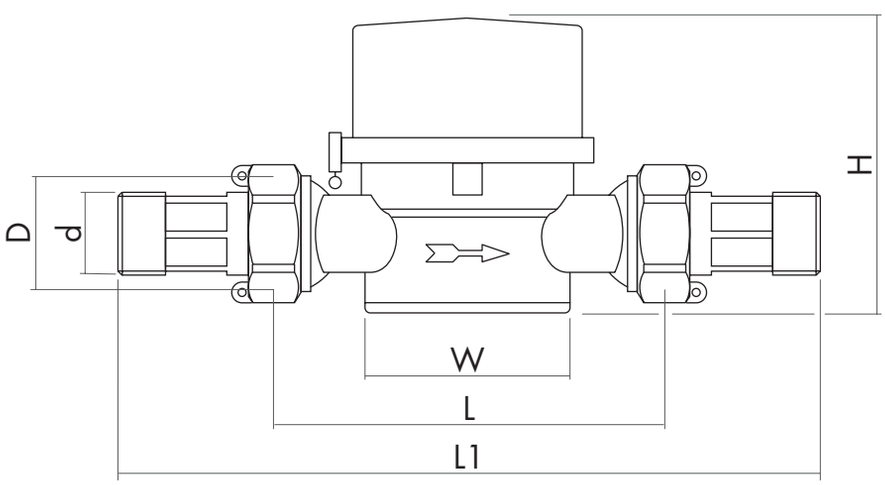
Inta's range of hot and cold magnetic drive water meters provide an accurate and reliable way of monitoring water usage for properties when fitted on the dedicated supply line.

Our water meters are supplied with union tailpipes (except for WM01C).

Main Features

- Magnetic drive water meter
- Low transmission resistance
- Sealed dry dial ensures clear reading
- 360°rotatable meter enables easy reading in any orientation
- Maximum working pressure 16 bar
- Technical data conforms to ISO 4064
- ISO class B classification for horizontal installation
- Precision class 2
- Pressure loss class ΔP63

Dimensions



		WM12C WM12H	WM34C WM34H	WM01C
Meter Thread	D	G¾	G1	G1
Connection Thread	d	G½	G¾	G1
Meter Length	L	110	130	130
Overall Length	L1	204	234	
Width	W	80	80	80
Meter Height	H	88	88	88
Weight	kg	0.78	0.98	0.7

The WM01C does not have union tailpipes

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Technical Specification

		WM12C WM12H	WM34C WM34H	WM01C
Maximum Flow Rate	Q4 m3/hr	3	5	5
Nominal Flow Rate	Q3 m3/hr	1.5	2.5	2.5
Transition Flow Rate	Q2 l/hr	120	200	200
Minimum Flow Rate	Q1 l/hr	33	50	50
Maximum Reading	m3	99999,99		
Minimum Reading	l	0.02		
Pressure Loss	ΔP	ΔP < 63 at Q3		
Maximum Pressure	bar	16		
Working Temperature	°C	30		

Reading the Water Meter

- Single flow water meters have a dial with two readouts, one main digital and one wheel.
- The water meter is read in that order: first the main one (digital), then the wheel (clockwise).
- The main readout has 5 digits in black (m^3) and three in red (decimals).
- In order to obtain the exact reading, add to the digital reading of the main readout to the wheel readout (by applying the multiplier X0,0001 - to give the fourth decimal).
- The final reading is always obtained in cubic meters (unit of volume).

Example

The central digital readout gives a direct reading in cubic meters (5 digits in black) and three decimals (3 digits in red).

The wheel on the right is multiplied (X0.0001), if for example it indicates 7, it is multiplied by 0,0001 and it would be 0,0007 cubic meters.

To obtain the final reading, read in cubic meters the main readout with its three decimals (red), then add the fourth decimal from the wheel.

0.362 + 7 x 0.0001 = 0.362 + 0,0007 = 0.3627 m^3

E & O.E

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