



TECHNICAL DATA

- Type: Single jet water meter.
- Material: Brass body.
- MID Certification for potable water.
- UO/DO.
- Dry dial, 360° rotating dial.
- Magnetic transmission and anti-fraud.
- Inductive pulse output pre-equipment, 1 p/10 l.
- Model: Accuracy ratio R160 in horizontal.
- Accuracy ratio R200 in horizontal and R40 in vertical.

- Maximum working pressure: 16 bar.
- Maximum temperature: 0.1°C /+30°C
- Max.Error (%): $Q1 \leq Q < Q2: \pm 5\%$

$$Q2 \leq Q \leq Q3: \pm 2\%$$

APPLICATION

Water distribution

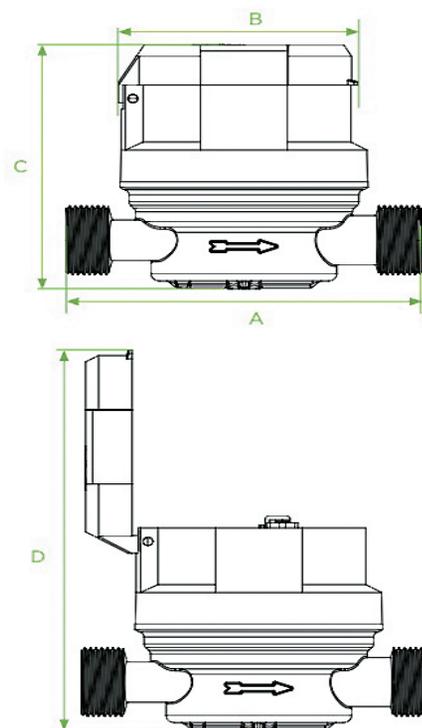
MAIN MATERIAL

No.	Parts name	Material
1	Cover	ABS
2	Casing	ABS
3	Dial	Assembly
4	Seperating plate and fixing ring	PPO
5	Turbine	Polypropylene
6	Body	Brass

INSTALLATION INSTRUCTIONS

- Water meters must always be fully operational of water. A minimum pressure is 0.3 bar recommended at the outlet of the meter to ensure that it is completely filled with water. Install at a lower level with respect to the slope of the rest of the pipe, in this way, the formation of air pockets inside of the pipe will also be eliminated.
- If there is air in the pipeline, air release valves must be fitted to avoid incorrect readings. If the water in the pipeline contains large suspended particles, an initial screening filter should be installed.
- Provide a shut-off valve upstream of the water meter to facilitate maintenance and/or repair of the meter.

Subject to change without prior notice.



STANDARD

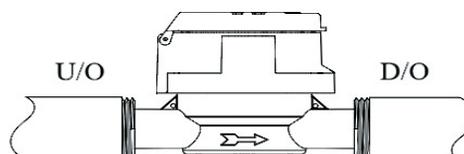
- Threaded BSP male according to ISO 228-1

DIMENSIONS

DN (mm)	A (mm)	A (with fittings) (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)	Threaded connection
15	110	184	79	92.6	142	0,5	G 3/4"BSP
20	130	222	79	96	147	0,6	G 1"BSP

TECHNICAL SPECIFICATIONS

DN (mm)	Q4 (m3/h)	Q3 (m3/h)	Q2 (l/h)	Q1 (l/h)	Min. reading (m3)	Max. reading (m3)	Ratio
15	3,125	2,5	25	5,62	0,00002	99.999	R160H
15	3,125	2,5	20 100	12,50 62,50	0,00002	99.999	R200H R40V
20	5	4	40	25	0,00002	99.999	R160H
20	5	4	32 160	20 100	0,00002	99.999	R200H R40V



- Before installing a water meter in a new pipe, it is recommended to drain it to remove particles.
- Do not force the water meter during installation, avoid tensile and torsion stresses, especially in the threaded connections.