

TECHNICAL DATA

- Type: Single jet water meter.
- Material: Copper alloy body.
- Direct reading in 5-digit roller counter indicating m³.
- Completely dry and unsumerged dial.
- Magnetic transmission protected against external magnetic fields.
- The dial can be turned manually: For reading in any position.
- MID approval for potable water.
- U0/D0.
- Maximum working pressure: 16 bar.
- Maximum temperature: +30°C
- Max.Error (%): Q1 ≤ Q < Q2: ± 5%
Q2 ≤ Q ≤ Q3: ± 2%

MATERIAL

No.	Parts name	Material
1	Cover	Polypropylene
2	Retaining ring	ABS
3	Sealed Register	Assembly
4	Separating plate	PPO
5	Turbine	Compoud
6	Body	Copper alloy

INSTALLATION INSTRUCTIONS

- The meters must always be full of water when operating, minimum pressure 0,3 bar, and installed below the slope of the rest of the pipeline. This stops air pockets from forming inside.
- If there is air in the pipeline, suckers must be fitted to avoid incorrect readings. If the water in the pipeline contains large suspended particles, an initial screening filter should be installed.
- Fit a valve upstream from the meter to facilitate maintenance or repair.
- A new pipeline should be drained before fitting a meter to eliminate particles.

Subject to change without prior notice.

APPLICATION

Water distribution.

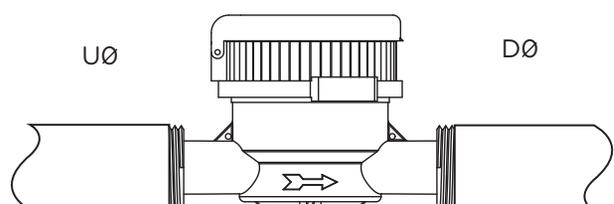
STANDARDS

Threaded BSP male according to ISO 228-1

DN (mm)	A (mm)	A (with fittings) (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)	Threaded connection
15	110	190	72	66	138	0,5	G 3/4" BSP
20	130	228	72	70	143	0,6	G 1" BSP

TECHNICAL SPECIFICATIONS

DN (mm)	Q4 (m ³ /h)	Q3 (m ³ /h)	Q2 (l/h)	Q1 (l/h)	Min. reading (m ³)	Max. reading (m ³)	Ratio
15	3,125	2,5	50	31,25	0,00005	99.999	R80
20	5	4	80	50	0,00005	99.999	R80
15	3,125	2,5	25	15,62	0,00005	99.999	R160
20	5	4	40	25	0,00005	99.999	R160



- Do not force the meter during assembly; avoid tension or torsional stress, especially to the threaded connections.