

## Single-Jet Dry Type (Velocity)

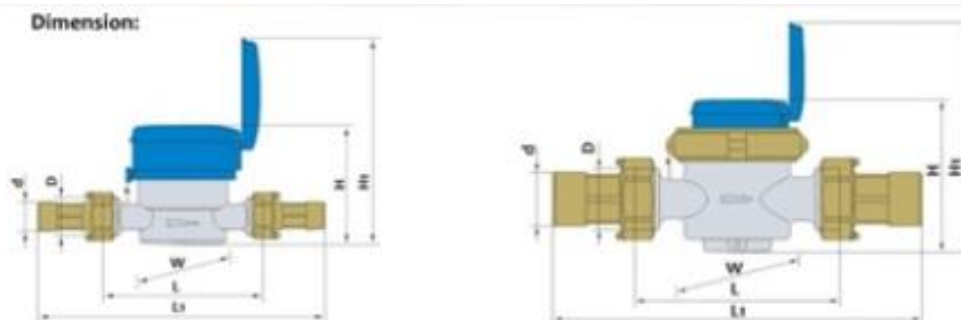


The Budget Water Meter is an IMPELLER (turbine) water meter with magnetic transmission, dry type register for residential application with sizes from Dn15 to Dn40 designed and meets to the requirements of Directive 2004/22/EC on measuring instruments; the European Standard **EN14154 + A1 + A2: Water Meter**; the International Organisation of Legal Metrology **OIML R—49:2006( E )**: Water meters intended for the metering of cold potable water and hot water.

### Key Features

- All the materials in contact with water, consciously selected by the known resistance to corrosion
- Cold water meter under current standard for lower than 30c (T30), but the Budget Water Meter can be used safely in water temperature up to 50c (T50)
- Hot water meter under current standard flow lower than 90C (T90)
- The rotary indicator register for the most comfortable reading position is 8 rollers and 1 pointer
- The impeller is the only moving part in contact with water giving the most reliable reading
- The application of a magnetic protection to guard against external influences
- Swivel dial ensuring accurate reading wherever the meter is sited

### Dimensions



Size	Dn15	Dn15	Dn15	Dn15	Dn15	Dn20	Dn25	Dn32	Dn40
L	80	115	120	190	110	130	160	160	200
Lt	174	209	214	284	204	234	280	284	331
D	G3/4B	G1B	G3/4B	G1B	G3/4B	G1B	G1-1/4B	G1-1/2B	G2B
d	R1/2	R3/4	R1/2	R3/4	R1/2	R3/4	R1	R1-1/4	R1-1/2
H	84.5	84.5	84.5	84.5	84.5	84.5	106	106	123
Ht	145.5	145.5	145.5	145.5	145.5	145.5	167	167	184
W	81.5	81.5	81.5	81.5	81.5	81.5	84	84	110

Lt: the total length with connection and the gasket without compression.

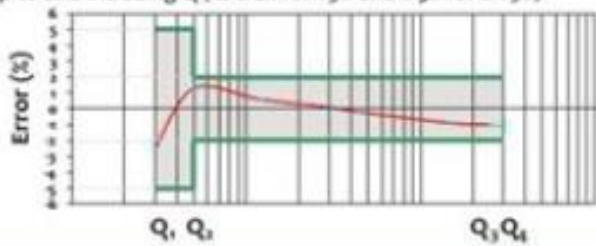
**Main Technical Data:**

Size	Dn	Dn15	Dn20	Dn25	Dn32	Dn40
R	Q3/Q1	R80 for Horizontal Installation				
Q4	m <sup>3</sup> /h	3,125	5	7,875	12,5	20
Q3	m <sup>3</sup> /h	2,5	4	6,3	10	16
Q2	l/h	50	80	126	200	320
Q1	l/h	31,25	50	78,75	125	200
Max. Reading	m <sup>3</sup>	99999,9999				
Min. Reading	Liter	0.02				
Pressure Loss	ΔP	ΔP < 63 at Q3				
Max. Pressure	MAP	MAP16				
Max. Temperature	T	T30 or T50 or T90 or T30/T90				

**Max. Permission Error:**

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;



**Pulsed Version**



- The pulsed output version consists of a plastic housing with Reed Switch and 1.5m cable with 2 cores in red and black
- Electric Data: Vmax = 24 AC/DC, Imax—0.01A
- Capacity of the pulse output pre-equipped