

Agricultural Woltman Type Water Meter

Plastic Body

- Eco-friendly, long-lasting counter
- Industrial use
- Use in agricultural fields
- Suitability for drinking water installations
- Le corps est en polyamide de fibre de verre renforcé compos
- MID approved and certified
- First-class materials and production technology
- Protective, durable body for outdoor and climatic conditions
- Wide and dynamic measuring range
- Accurate water flow measurement with very low pressure los
- 2 years warranty

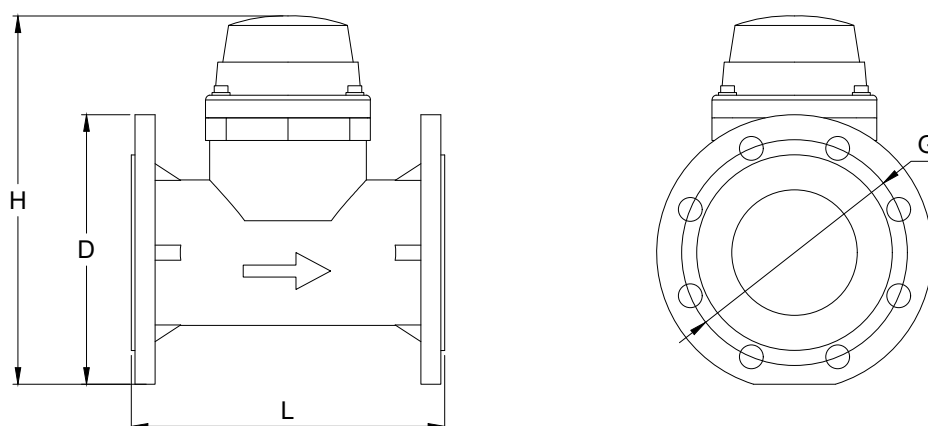
DN50 ve DN65 10lt With Pulse
DN80 ve DN100 100lt With Pulse



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Size	DN50	DN65	DN80	DN100
L	200	200	225	250
H	250	260	284	296
D	165	185	200	220
G	125	145	160	180
nXM	4xM10	4xM10	8xM10	8xM10



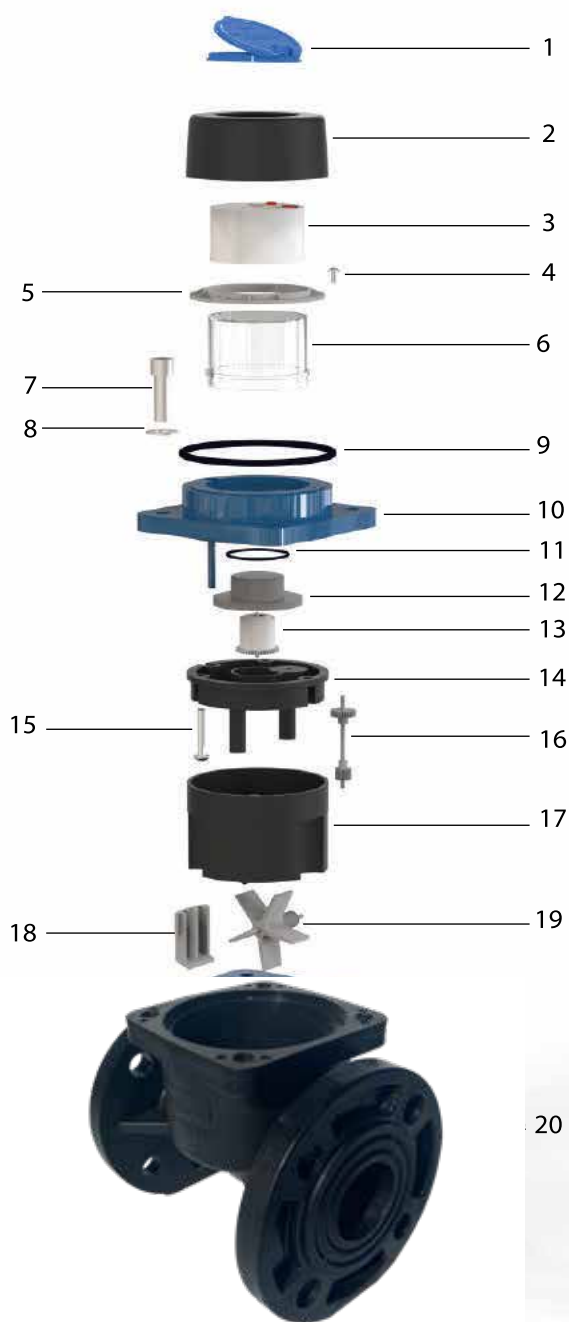
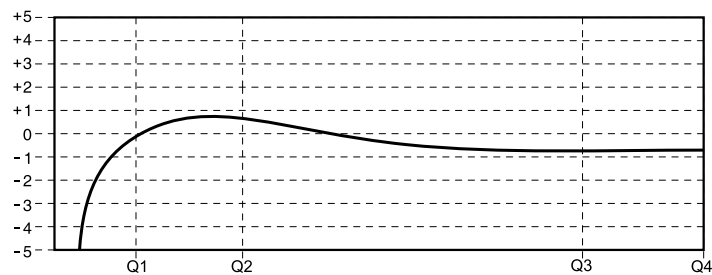
Technical Specifications

Nominal diameter	DN	mm	DN50	DN65	DN80	DN100				
	Size	inch	2"	2½"	3"	4"				
Maximum flow rate	Q ₄		≤78,8	≤78,8	≤125	≤200				
Continuous flow rate	Q ₃		≤63	≤63	≤100	≤160				
Pass flow	Q ₂		≥2,52	≥2,52	≥4,0	≥6,40				
Minimum flow rate	Q ₁		≥1,57	≥1,57	≥2,50	≥4,00				
Measuring range (R)	Q ₃ / Q ₁	≤40								
Transition flow rate	Q ₂ / Q ₁	1,6								
Overload flow	Q ₄ / Q ₃	1,25								
Accuracy class	-	±5%								
Acceptable error rate at low flow	(MPE _l)	Water temperature 30°C se ± %2 Water temperature> 30°C se ± %3								
Acceptable error rate at high flow	(MPE _u)	T30 & T50								
Temperature class	T	MAP16								
Water pressure class	Bar	ΔP 10								
Pressure loss class	-	ΔP 25	ΔP 10							
Reading range	m³	999,999				9,999,999				
Read device resolution	m³	0,001				0,01				
Flow profile precision class	-	U10D5								
Connection style	-	H (Horizontal)								
Horizontal length of the meter	mm	200	200	225	250	250	300	350	450	500
magnetic switch power supply	U _{max} / I _{max}	max 24V / 0,01A								
Magnetic switch K-Factor	impulse / L	0,001 & 0,0001								

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Error Graph



PARTS	
1	Cover
2	Retaining Ring
3	Mechanism and Indicator
4	Pivot
5	Plate
6	Glass cover
7	Screw
8	Gasket
9	O-Ring
10	Flange Cover composite reinforced glass fiber polyamide
11	O-Ring-2
12	Gear Plate
13	Gear Wheel
14	Top Support
15	Screw
16	Mechanical Transmission
17	Sub-Support
18	Regulation Spindle
19	Propeller
20	Body composite reinforced glass fiber polyamide

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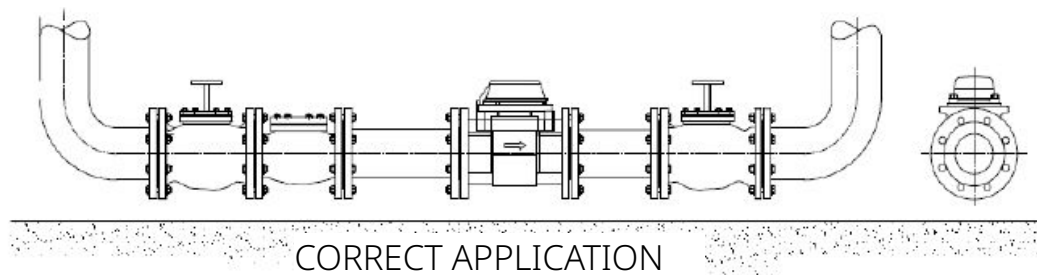
Inlet Valve Pipe Diameter (mm)	Inlet Valve Diameter (mm)	Filter Diameter (mm)	Meter Inlet Pipe Diameter (mm)	Meter Inlet Pipe Length (U) 10xDN (mm)	Meter Diameter (mm)	Meter Outlet Pipe Diameter (mm)	Meter Inlet Pipe Length (D) 5xDN (mm)	Outlet Valve Diameter (mm)
50	50	50	50	500	50	50	250	50
65	65	65	65	650	65	65	325	65
80	80	80	80	800	80	80	400	80
100	100	100	100	1000	100	100	500	100

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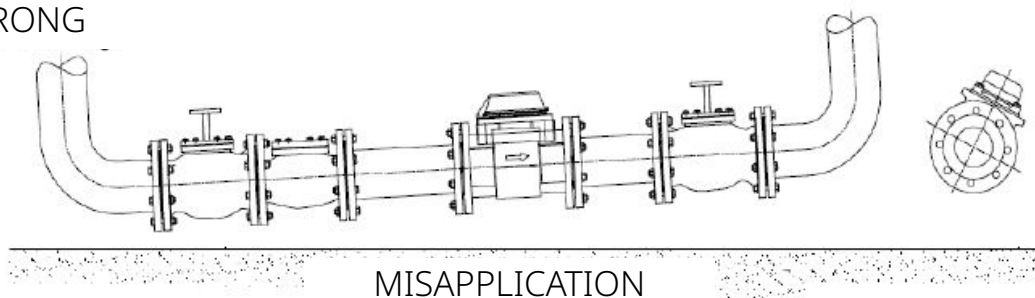
Water Meter Installation Specification

1. The meter mounting location should be a closed and safe place, and should not be in a situation that would prevent the attendant control personnel from checking the meter at any time.
2. In the installation of the meter, respectively, before the meter; There should be a ball valve and a strainer filter, and a ball valve after the meter. All pipes must be firmly clamped.
3. During assembly, the use of elbows should be avoided as much as possible.
4. The meter should never be installed in such a way that it will be exposed to direct sunlight. If it is to be installed in the open; It should be placed in a box that will not receive direct sunlight, prevent water-snow entry and provide air circulation.
5. The meter should not be installed in a humid or humid environment.
6. The meter must be mounted parallel to the ground and horizontally connected. The meter must not be mounted at an angle, inclined or perpendicular.

CORRECT



WRONG



7. Possible foreign objects (mortar, paint, iron, sawdust, etc.)
After cleaning (can be achieved by running some water), the meter must be connected to the installation.
8. The nominal diameter of the meter and the pipe diameters used in the installation must be equal.