

**METROLOGICAL AND TECHNICAL CHARACTERISTIC OF ULTRIMIS WATER METERS**

Factory symbol	-	UL2,5	UL4	UL6,3	UL10	
Nominal diameter DN	mm	15	20	25	32	
Minimum flow rate Q <sub>1</sub>	H	dm <sup>3</sup> /h	3,125	5	7,875	12,5
	V					
Transitional flow rate Q <sub>2</sub>	H	dm <sup>3</sup> /h	5	8	12,6	20
	V					
Permanent flow rate Q <sub>3</sub>	m <sup>3</sup> /h	2,5	4	6,3	10	
Overload flow rate Q <sub>4</sub>	m <sup>3</sup> /h	3,125	5	7,875	12,5	
Measuring range Q <sub>3</sub> /Q <sub>1</sub> - R	H	-	Up to R800			
	V					
Maximum admissible pressure	According to EN	-	MAP16			
	According to OIML	bar	0,3 do 16			
Maximum pressure loss between Q <sub>1</sub> and Q <sub>3</sub>	According to EN	bar	ΔP0,4			
	According to OIML	°C	T30,T50			
Sensitivity to irregularity in the upstream/downstream velocity field class by EN	-	U0, D0				
Assembly position	-	H, V				
Temperature range	-	5 do 55°C				
Mechanical/electromagnetic	-	class M1/ E1, E2				
IP protection	-	IP68				
Water meter length L	mm	80; 105; 110; 115; 165	105; 115; 130; 190	165; 260	260	



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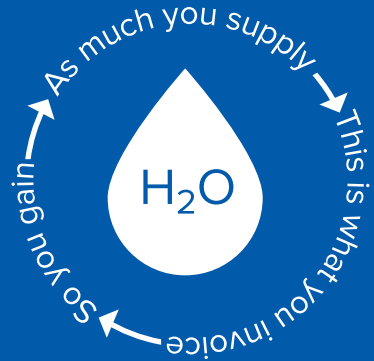
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ULTRASONIC WATER METER

# UNIQUE

**ultrimis W**  
*Quantum of water*

All the time

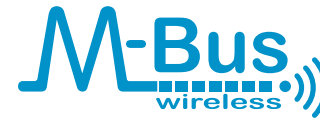


## ACCURATE

- ▶ Measurement range to R800 in each operating position (H,V,H/V)
- ▶ Very low pressure loss
- ▶ Low starting flow already from 0,75l/h for DN15
- ▶ Guarantee of battery lifetime to 16 years (12 years with radio)
- ▶ Stability of measurements regardless of the measuring system elements pollution

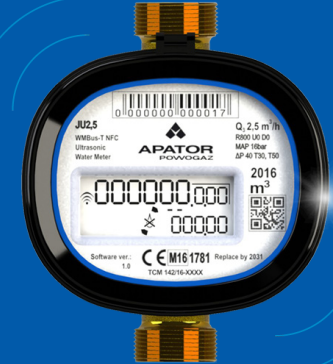
## REMOTELY READ

- ▶ AMR Ready



- ▶ Walk-by / Drive-by

Always



## USING THE LATEST TECHNOLOGY

- ▶ Measurement based on a unique and patented way of the ultrasonic beam waveform through the measuring chamber
- ▶ No movable elements in the measuring chamber
- ▶ High overload flow
- ▶ Resistant to the strong magnetic field
- ▶ Protection class IP68 in standard
- ▶ Resistant to hydraulic shocks
- ▶ No need to use the strainer and return valve

Absolutely!



Constantly



## ECO FRIENDLY

- ▶ Contact of LI<1g ( 1xAA )
- ▶ No heavy metals Pb (composite body)
- ▶ Low weight-reduction of CO<sub>2</sub>
- ▶ High accuracy of measurements is conducive to cost-effective water management
- ▶ Low energy use of the power supplying water supply network (Pressure drop below 0,4 bar)
- ▶ Detection of any leak in the net