

HYDRASONIC UWM

Ultrasonic Water meter (threaded)

Revolutionizing Flow



The UWM ultrasonic flow meter is designed based on the transit time ultrasonic technology which is suitable for measuring clean water with high accuracy. The UWM with its unique design guarantees the measurement of extremely low flow rates to account for every drop of water. Various communication options allow easy read out of the values.

LEAK AND BURST
ALARM



PN16 RATED



IP68 PROTECTION



10 YEARS
BATTERY

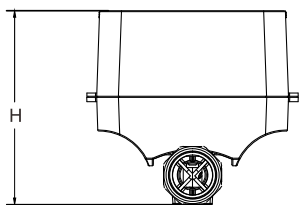
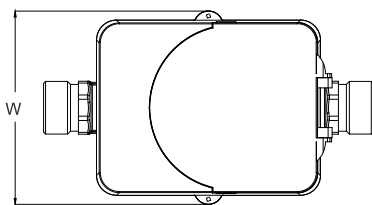
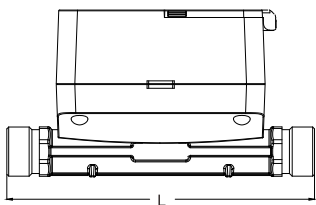


FEATURES

TECHNICAL DATA						
Nominal diameter DN	mm	DN15	DN20	DN25	DN32	DN40
Length	mm	165	195	225/260	180/260	200/300
Q3	m3/h	2.5	4	6.3	10	16
Q4	m3/h	3.125	5	7.875	12.5	20
Start Flow	l/h	2	2	3	5	7
Meteorologic Class	100/125/160/200/250/400/500/630/800 (standard R400)					
Accuracy Class	Class 2					
Pressure Drop	Δp_{40}					
Pressure Rating	PN16					
Temperature	T30/T50/T70; Standard T30					
Data Storage	1 year of daily data storage, 24 months historical data; Non-volatile EEPROM					
Communication	M-Bus (standard) - RS485, Pulse, LoRaWAN, NB-IoT, Sigfox (optional)					
Power	DC3.6V Lithium Battery					
Protection Class	IP68					
Operating Temperature	Temperature: -15°C to +55°C, Ambient relative humidity: <90%					
Installation	Horizontal or Vertical					
Battery Life	8 years (standard), 10 years (optional)					

DIMENSIONS

Nominal diameter DN	Unit	DN15	DN20	DN25	DN32	DN40
Connection	-	G3/4	G1	G1 1/4	G1 1/2	G2
Length	mm	165	195	225/260	180/260	200/300
Length (L)	mm	165	195	225	180	200
Width (W)	mm	97	97	97	97	97
Height (H)	mm	96.5	96.5	107	110	115



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