

HYDRASONIC UWM-II

Ultrasonic Water meter (threaded)

Revolutionizing Flow



The UWM-II ultrasonic flow meter is designed based on the transit time ultrasonic technology which is suitable for measuring clean water with high accuracy. The UWM-II 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

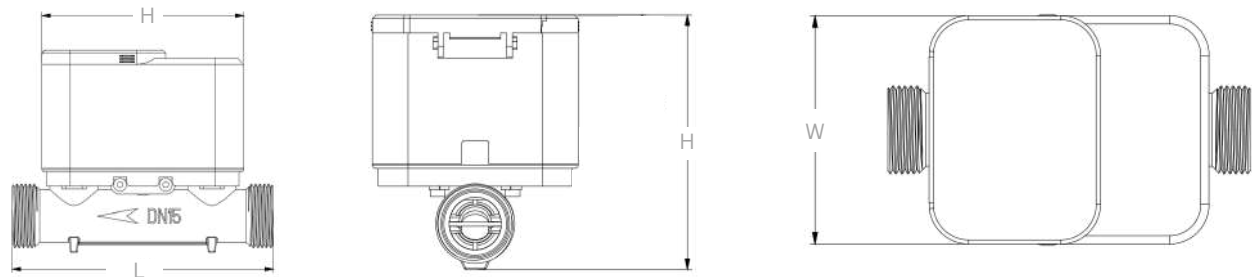


FEATURES

TECHNICAL DATA				
Nominal diameter DN	mm	DN15	DN20	DN25
Length	mm	110	130	160
Q3	m3/h	2.5	4	6.3
Q4	m3/h	3.125	5	7.875
Start Flow	l/h	2	2	3
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	3.6 VDC (Battery) ; 24 VDC (Optional)			
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
Connection	-	G3/4	G1	G1 1/4
Length (L)	mm	110	130	160
Width (W)	mm	69	69	69
Height (H)	mm	85	86.5	87



HYDRASONIC UWM-II is a registered trademark of Kimans Metering. Due to continuous R&D, product improvements and enhancements, Kimans Metering reserves the right to change product or system specifications without notice, except to the extent an outstanding contractual obligation exists. © 2024 Kimans Metering. All rights reserved.

www.kimans.com