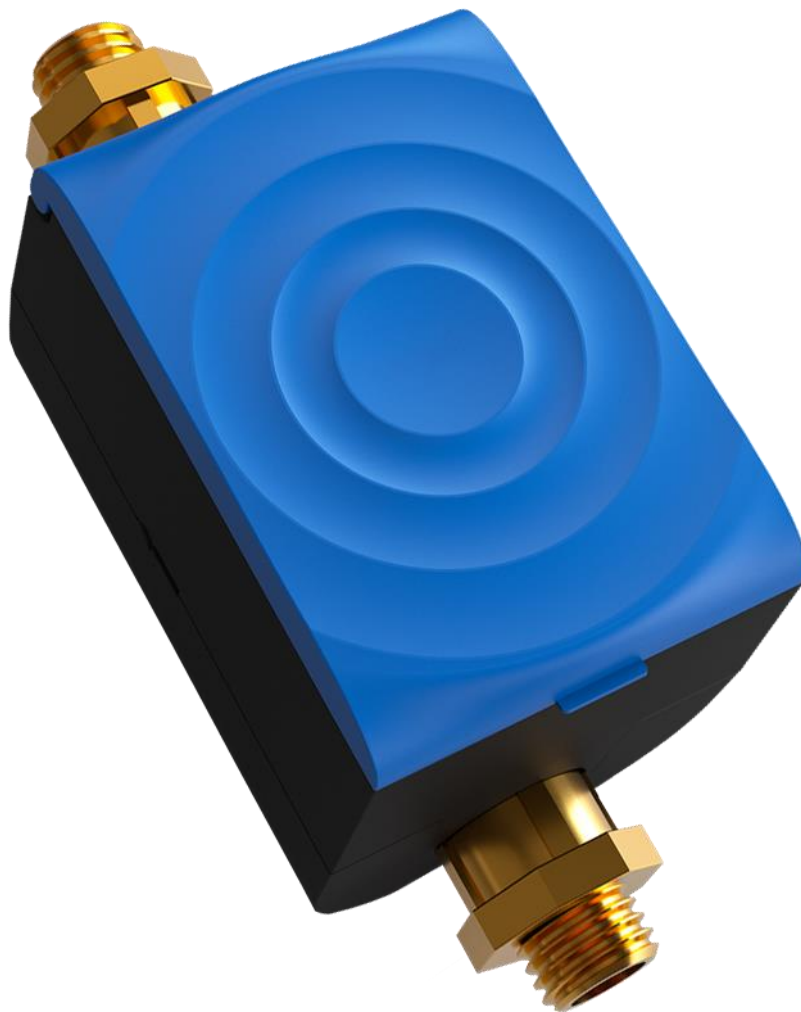


Water meter a ultrasuoni con interfaccia Modbus o impulsi Dimensioni e modelli

A Water meter designed to detect the volume of water consumed by each individual user that uses ultrasound technology for precise and reliable measurement. The SmartDHOME ultrasonic water meter, having no moving parts, is less subject to wear and ensures greater accuracy and stability for the entire duration of the measurement and the life of the product.



www.ecodhome.com
www.smartdhome.com

SmartDHOME

Water meter a ultrasuoni con interfaccia Modbus o impulsi

Dimensioni e modelli

Features

Water measurement	Hot and Cold
Communication	Modbus e impulsi
Pressure lost	$\Delta P < 63 \text{ kPa}$
Maximum operating pressure	1.6 Mpa
Pressure level	PN16
Metrological class	2
Battery	3.6 Vdc, lithium battery, 11j years
Water temperature range	0.1 – 30 °C / 0.1 – 50 °C / 0.1 – 70 °C
Degree of protection	IP65 / IP68
Data storage up to 24 months	Historical data, including accumulated flow, flow correction coefficient, accumulated flow volume, etc.

Compatibility with rules and regulation

Complies with the **European Directive UNI EN 14154** relating to water meters and certification procedures

Compliant with the **European Directive UNI EN ISO 4064** relating to the metrological and technical requirements for drinking water meters

Compliant with **OIML R49**



Measurement improvement



Energy consumption reduced by 18%

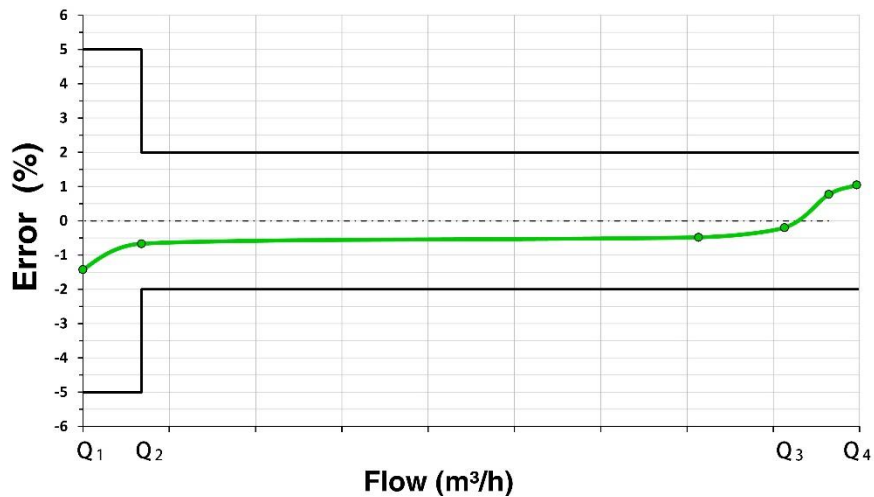
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Dimensioni e modelli

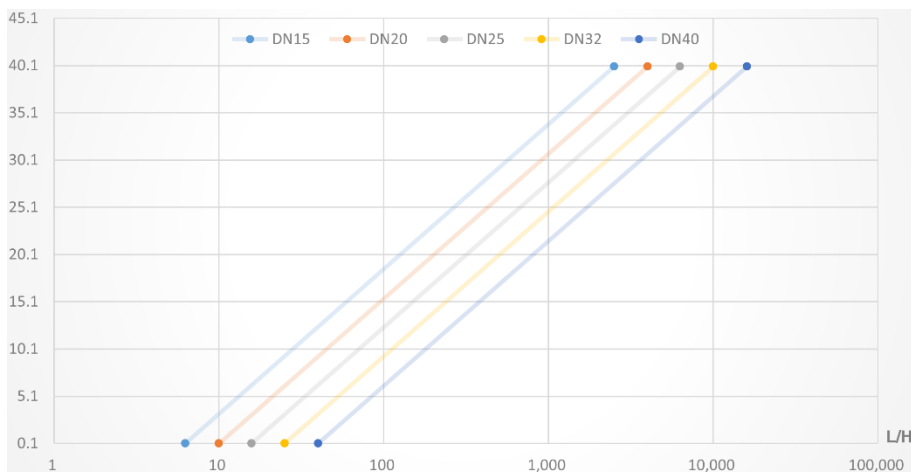
Dimensions

DN (mm)	Rate (m ³ /h)			Dimensions (mm)			Connection
	q _i	q _p	q _s	L	A	P	
15	0.00625	2.5	3.125	165	81	100	G ¾'
20	0.01	4.0	5.0	195	81	100	G1'
25	0.0252	6.3	7.875	225	81	118	G1 ¼'
32	0.04	10.0	12.5	180	81	128	G1 ½'
40	0.064	16.0	20.0	200	81	135	G2'

Accuracy curve



Pressure lost



Water meter a ultrasuoni con interfaccia Modbus o impulsi

Dimensioni e modelli

Available models list

01336-6100-00	DN15 medium flow rate 2.5 m ³ /h with pulse interface
01336-6115-00	DN20 medium flow rate 4.0 m ³ /h with pulse interface
01336-6120-00	DN25 medium flow rate 6.3 m ³ /h with pulse interface
01336-6125-00	DN32 medium flow rate 10.0 m ³ /h with pulse interface
01336-6130-00	DN40 medium flow rate 16.0 m ³ /h with pulse interface
01336-6200-00	DN15 medium flow rate 2.5 m ³ /h with Modbus interface
01336-6215-00	DN20 medium flow rate 4.0 m ³ /h with Modbus interface
01336-6220-00	DN25 medium flow rate 6.3 m ³ /h with Modbus interface
01336-6225-00	DN32 medium flow rate 10.0 m ³ /h with Modbus interface
01336-6230-00	DN40 medium flow rate 16.0 m ³ /h with Modbus interface

For more information and prices, send an email to info@smardhome.com indicating the device you are interested in.



SmartDHOME

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Ultrasonic Water meter
Rev. 01/2022