ELECTRONET™

ASIONIC® - 400SW

DOMESTIC AMR ULTRASONIC WATER METER

ASIONIC® - 400SW

DOMESTIC AMR ULTRASONIC WATER METER

Features

- Wear Free Ultrasonic Technology with RF / GPRS / GSM / WMBUS / Zigbee / Connectivity
- Bidirectional Flow Measurement
- Long Battery Life
- Low Pressure Drop
- Compatible with automatic reading system
- In accordance with OIML R–49 and ISO 4064
- OMS Facility Available

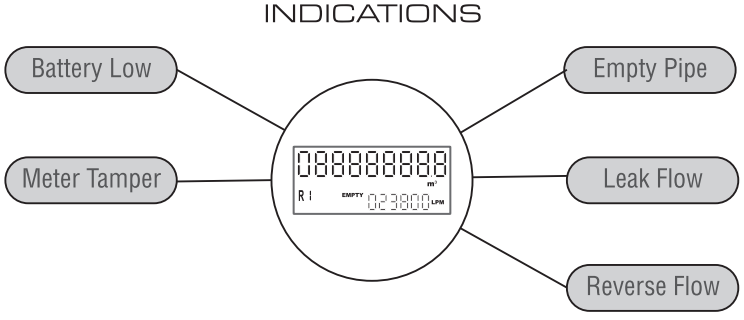
Description

Advanced methods and technologies were implemented in order to present ASIONIC®–400SW. The meter is a highly accurate ultrasonic water meter for residential applications. The meter is an integral and hermetically sealed closed static water meter intended for registration of cold and hot water consumption. High accuracy at very low flow rate assures minimum losses of unmeasured water. ASIONIC®–400SW is compatible with IoT and it The meter can be installed in a vertical or horizontal direction . The meter complies with IP–68 protection class.

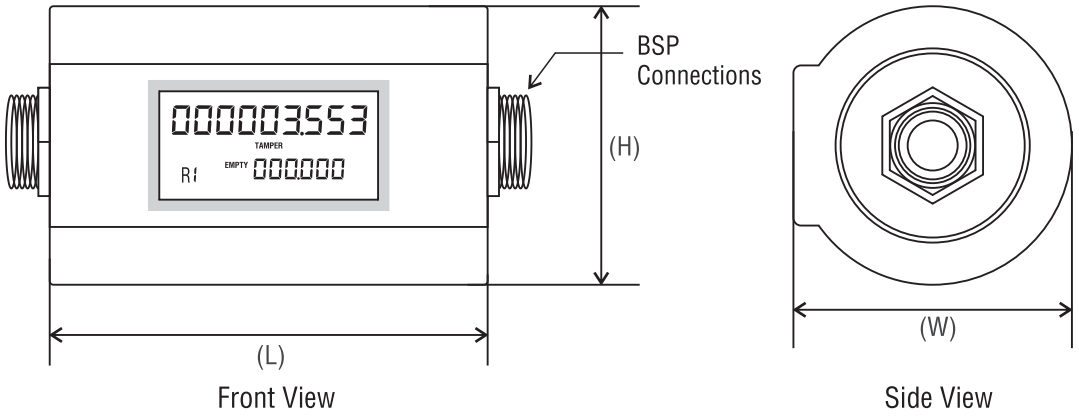
Technical Specifications

Testing Pressure	16 Bar
Nominal Pressure	10 Bar
Minimum Velocity & Pressure	0.2 Bar
Minimum Flow rate meter can measure	30 LPH
Minimum Pressure	0.1 Bar
Pressure Loss	< 0.63 Bar
Media Temperature	0.1 to 60°C
Remote Reading	Wireless
Battery life	10 Years (Depending on the Frequency of data transfer & Communication type.)
RF Frequency	865 MHz / 433 MHz / 915 MHz
Available line Sizes	15, 20, 25, 32, 40 & 50 NB
MOC – Electronics Enclosure	Die Cast Aluminium / SS316 / ABS
MOC – Flow Tube	SS304 / SS316 / ABS / Brass
Process Connection	BSP Threading (Male) / SS Flanged (Only for 50 NB)
Certification	CE

LCD INDICATIONS



Assembly Overview



Dimensional Details

Line Size		Length 'L' (mm)	Overall Height 'H'(mm)	Width 'W' (mm)	Weight (Kg)	Threads/ Flanged
Inch	NB					
½"	15	130	135	95	0.98	BSP
¾"	20	130	135	95	0.95	BSP
1"	25	160	140	95	1.2	BSP
1¼"	32	160	145	95	1.3	BSP
1½"	40	160	150	95	1.5	BSP
2"	50	200	160	95	2	BSP
2"	50	210	160	95	4.5	SS Flanged

Flow Rate Performance Data

Q4 (m^3/hr)		Q3 (m^3/hr)		Q2 (m^3/hr)		Q1 (m^3/hr)		R
2	3.125	1.6	2.5	0.0048	0.008	0.003	0.0050	500
3.125	5	2.5	4	0.008	0.013	0.0050	0.008	500
5	7.875	4	6.3	0.013	0.0202	0.008	0.0126	500
7.875	12.5	6.3	10	0.0202	0.032	0.0126	0.02	500
12.5	20	10	16	0.032	0.051	0.02	0.032	500
20	24	16	20	0.051	0.064	0.032	0.04	500
20	24	16	20	0.051	0.064	0.032	0.04	500

Ordering Information

Sample Order Code : 01A–22A–54D–66A–72B

Parameter		Code	Value			
01	Line Size	01A	15 NB	01D	32 NB
		01B	20 NB	01E	40 NB
		01C	25 NB	01F	50 NB
22	MOC Electronics Enclosure	22A	Die Cast Aluminium		
		22B	SS316		
		22C	ABS Plastic		

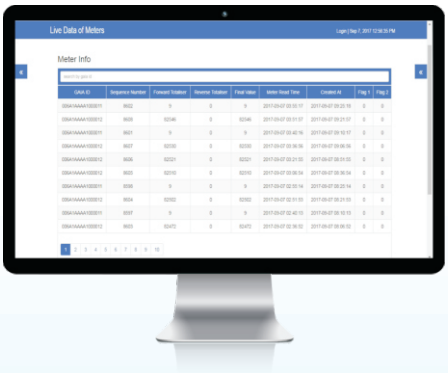
Parameter		Code	Value
54	* Communication Output 2	54A	GSM
		54E	GPRS
		54G	RF 1 Km
		54H	WMBUS
		54I	Zigbee
		54Y	None
66	Process Connection	66A	Threaded
		66B	Flanged (Only for 50 NB)
		66E	Tri Clover
72	MOC Flow Tube	72A	ABS Plastic
		72B	SS304
		72D	SS316
		72F	Brass

Note :
- Due to our continuous product revisions, design specification and model numbers are subject to change without notice.
- Accuracy defined at Lab Conditions.
- For other requirement please consult factory.

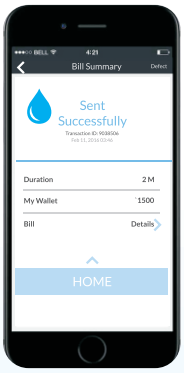
* At a time only one Communication Output is possible.

For Asterisk (*) mark kindly consult sales office before concluding.

Water Usage Monitoring & Bill Payments



Web App

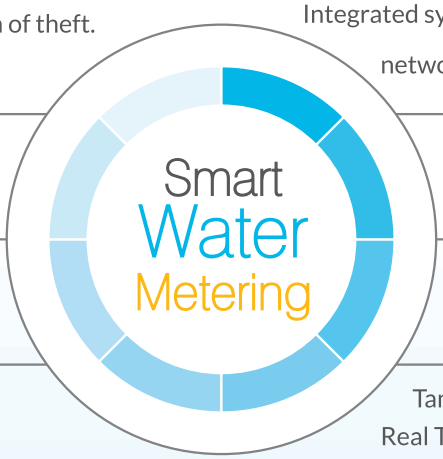


Mobile App

- Smart Water Metering Save Water & Work
- Wireless Data Collection From Water Meters
- Mobile App for Water Usage & Bill Payments
- Keep Account of Water Usage

Using Web & Mobile Applications

Features



- Accurate billing with detection of theft.
- Integrated system of smart meters, communications networks & data management system.
- Reduction and saving in overall water consumption.
- Enables two-way communication between utilities and customers.
- Enable smart functions in residential and commercial facilities.
- Include Mobile App, Communication Networks.
- Tamper Proof Meters with Real Time Monitoring.

ELECTRONET EQUIPMENTS PVT. LTD.

Factory Address:
Plot No. 8, (SEZ) Phase 1, Kesurdi MIDC,
Khandala, Dist.– Satara
Pin: 412 801, Maharashtra, India.

Registered Office:
Plot No. 84, 85, 86, Tiny Industrial Estate,
Kondhwa Budruk,
Pune–411 048, Maharashtra, India.

+91-20-26931476/2039 ho@eeplindia.com +91-20-26934122 www.eeplindia.com

* Due to our continuous product revisions, design specification and model numbers are subject to change without notice.