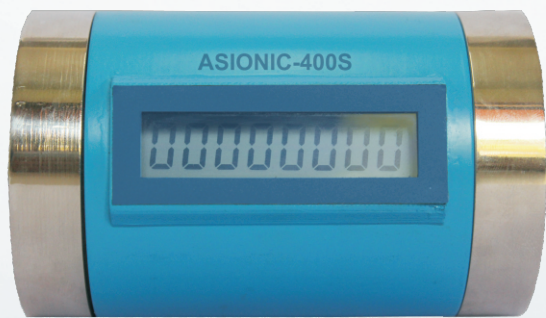


ASIONIC® - 400S

DOMESTIC AMR ULTRASONIC WATER METER



ASIONIC® - 400S

DOMESTIC AMR ULTRASONIC WATER METER

Features

- Wear Free Ultrasonic Technology with RF Connectivity
- Bidirectional Flow Measurement
- Long Battery Life
- Low Pressure Drop
- Compatible with automatic reading system
- In accordance with OIML R-49 and ISO 4064



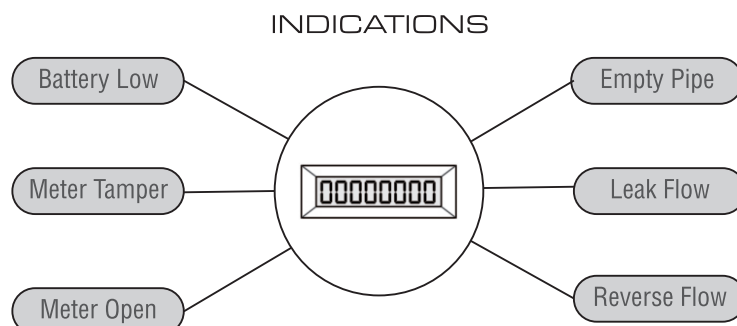
Description

Advanced methods and technologies were implemented in order to present ASIONIC®-400S. The meter is a highly accurate ultrasonic water meter for residential applications. ASIONIC®-400S measures the lowest flow rates making the best solution for addressing NRW. 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®-400S is compatible with IoT. The meter can be installed vertical or horizontal. The meter complies with IP-68 protection class.

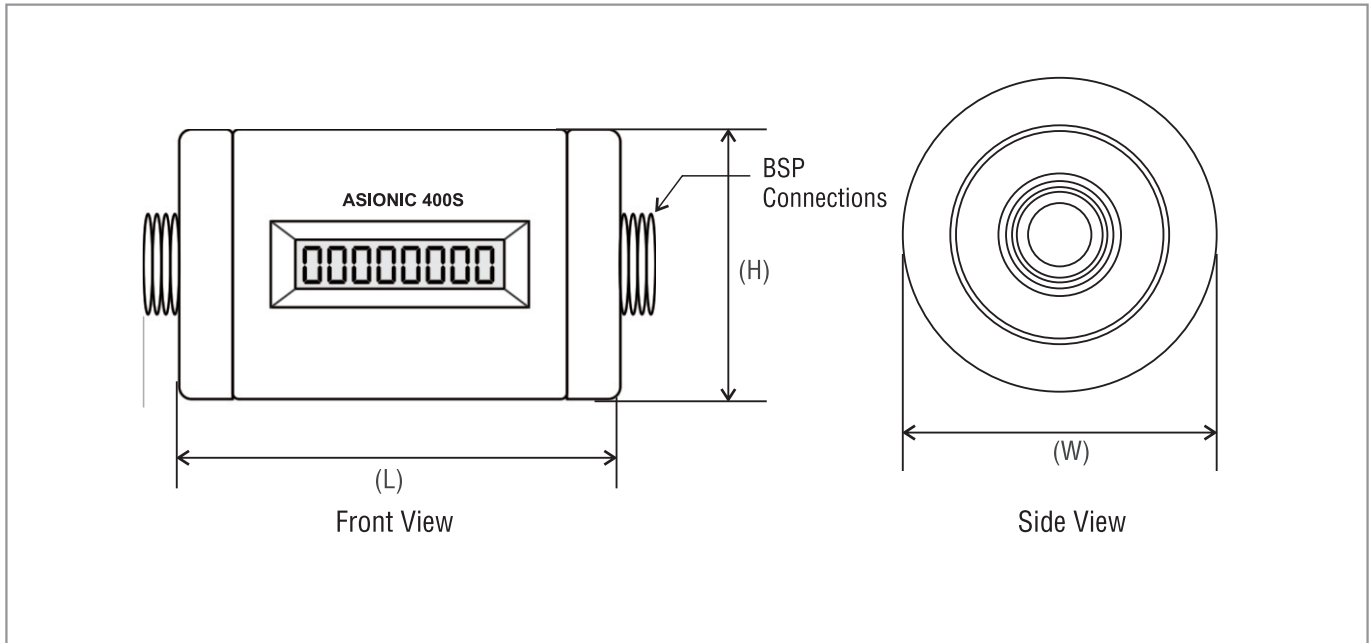
Technical Specifications

Testing Pressure	16 Bar
Nominal Pressure	10 Bar
Minimum Pressure	0.1 Bar
Pressure Loss	< 0.63 Bar
Media Temperature	5 to 60°C
Remote Reading	Wireless / Wired
Data Storage Facility	Up to 10 Years
Battery life	10 Years
RF Frequency	865.0 Mhz (Others on request)
Available line Sizes	15, 20, 25, 32, 40 NB
Material of Construction	SS / ABS
Process Connection	BSP Threading (Male)
Certification	CE

LCD INDICATIONS



Assembly Overview



Dimensional Details

Line Size		Length 'L' (mm)	Overall Height 'H' (mm)	Width 'W' (mm)	Weight (Kg)	Threads
Inch	NB					
1/2"	15	130	135	95	0.98	BSP
3/4"	20	130	135	95	0.95	BSP
1"	25	160	140	95	1.2	BSP
1 1/4"	32	160	145	95	1.3	BSP
1 1/2"	40	160	150	95	1.5	BSP

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

Ordering Information

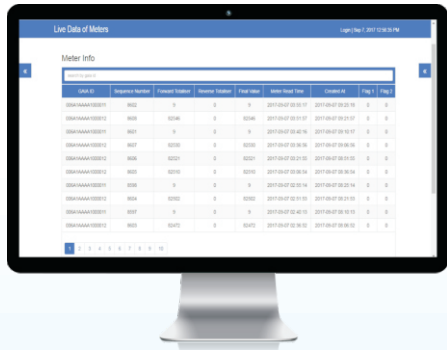
Sample Order Code : 01A-22A-54E-66B-72B-92E

Parameter	Code	Value	
01 Line Size	01A	15 NB	01D 32 NB
	01B	20 NB	01E 40 NB
	01C	25 NB	
22 MOC Electronics Enclosure	22A	Die Cast Aluminium	
	22B	SS	
	22C	ABS Plastic	
54 Communication Output 2	54C	RF 100 Meters	
	54D	RF 2.5 Km	
	54E	GPRS	
	54Y	None	

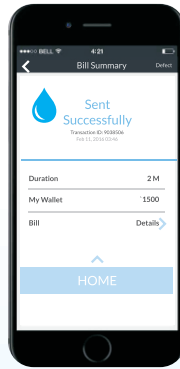
Parameter	Code	Value		
66 Process Connection	66A	Threaded		
	66E	Tri Clover		
72 MOC Flow Tube	72A	ABS Plastic		
	72B	SS304		
	72D	SS316		
92 Auto Shut-Off Valve	92A	15 NB	92D 32 NB	
	92B	20 NB	92E 40 NB	
	92C	25 NB	92Y	None

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.

Water Usage Monitoring & Bill Payments



Web App



Mobile App



Smart Water Metering
Save Water & Work



Wireless Data Collection
From Water Meters



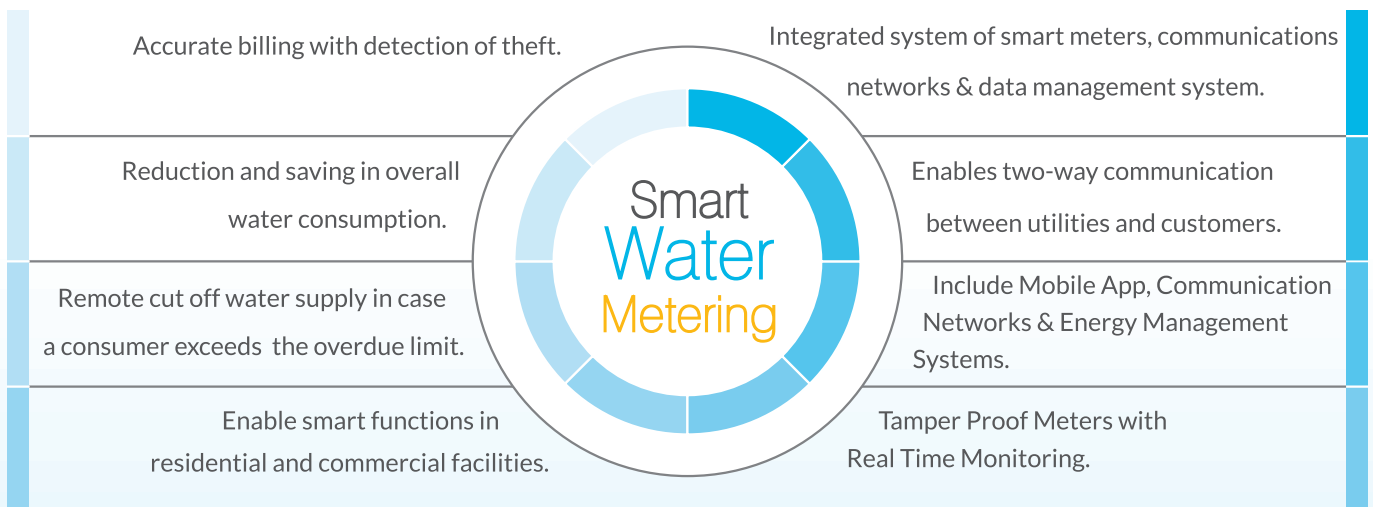
Mobile App for Water
Usage & Bill Payments



Keep Account of
Water Usage

Using Web & Mobile Applications

Features



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.



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