

SALIENT FEATURES

- Ultrasonic transit time measurement
- Long Battery life
- RF Connectivity
- Meets OIML(R49) & MID standards
- Bidirectional flow measurement
- Inbuilt data logging



DESCRIPTION

ASIONIC 400W is designed to measure the velocity of a fluid in a sealed pipeline fitted with transducers. This enables calculation of flow and volume based on time of flight principle.

ASIONIC 400W is a static water meter which has no moving parts to avoid wear and tear.

The electronic unit having inbuilt LCD display to continuously indicate and log / record the following parameters:

- a. Flow rate
- b. Total volume
- c. Forward and reverse flow
- d. Battery status
- e. Unit of measurement
- f. Real time

ASIONIC 400W is an integral and hermetically closed static water meter intended for the registration of cold and hot water consumption.

ASIONIC 400W is constructed as a vacuum chamber of moulded composite material. Thus, the electronics are fully protected against penetration of water. This means that the meter can, without problems, be placed in e.g. bathrooms, where it is sprayed with water daily, and it is also suitable for mounting in meter wells, which are frequently filled with water.

The meter can and must only be opened by Electronet's authorised service center by means of special tools, if the meter has been opened, and seals have thus been broken, the meter is no longer valid for billing purpose. Furthermore, the factory guarantee no longer applies.

The water meter is powered by an internal lithium battery with up to 10 years lifetime. The battery can be changed by one of the Electronet's authorised service center / personnel.

TECHNICAL SPECIFICATIONS

Testing Pressure	: 16 Bar
Nominal Pressure	: 10 Bar
Minimum Pressure	: 0.1 Bar
Pressure Loss	: < 0.63 Bar
Media Temperature	: 0.1 to 60 °C
Relative Humidity	: 100%
Ambient Temperature	: 70 °C
Max. mean temperature over 24 hours	: 55 °C
Remote Reading	: Wireless M-Bus(incrypted-protects personal data against unauthorised monitoring)
Reprogramming / Downloading Store Data	: Through Optical Port using proprietary Water AMR software
Data Storage Facility	: Up to 10 Years
Battery life	: 10 Years
RF Frequency	: 865.5 MHz
Available line sizes	: 15, 20, 25, 32, 40 NB
MOC	: SS / ABS
Process Connection	: BSP Threading(Male)

ALARM

Battery Low Alarm
 Meter Tamper Alarm
 Meter Open Alarm
 Meter Dry Alarm
 Reverse Flow Alarm
 Meter Overload Flow Alarm
 Meter Overload Pressure Alarm
 Continuous Zero Flow Alarm
 Leak / Continuous Flow Alarm
 Communication Signal / Indication

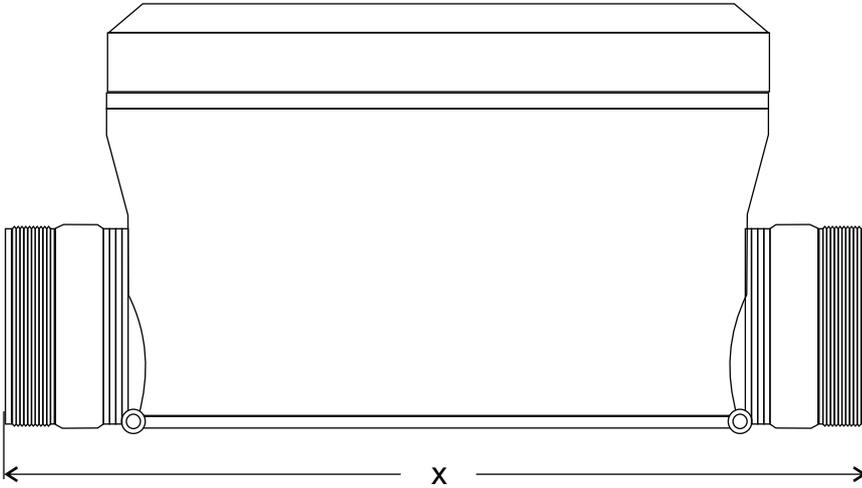
ACCURACY *

The MPE for the upper flow rate zone ($Q_2 \leq Q \leq Q_4$) is $\pm 2\%$ for temperature from 0.1°C to 30°C, and $\pm 3\%$ for temperature greater than 30°C.

The MPE for the lower flow rate zone ($Q_1 \leq Q \leq Q_2$) is $\pm 5\%$ regardless of the temperature range.

Q3	Indicating range (minimum values)
m ³ /h	m ³
$Q_3 \leq 6.3$	9 999

GA DRAWING



line size	X
15 NB	160mm
20 NB	160mm
25 NB	160mm
32 NB	180mm
40 NB	200mm

INSTALLATION DRAWING



ORDERING INFORMATION

04	40 NB				
04	32 NB				
03	25 NB			09	None
02	20 NB	02	SS 316	02	RF
01	15 NB	01	ABS	01	GSM
SERIES	Line Size		Flow Tube MOC		Communication Output
ASIONIC 400W	A	01	B	02	C 01

*Due to our continuous product improvisations, Design, Specifications and Model Number are subject to change without prior notice.
*Accuracy defined at lab conditions.

Authorized Dealer



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