AquaMaster4 Mobile Comms

Measurement with immeasurable connectivity

The original intelligence behind the world's 1st

Research and development is a vital source of ABB's technology leadership. It builds on the foundation of many innovations and continues to develop breakthrough technologies needed to meet future challenges.

1988
World's 1st – battery powered electromagnetic flowmeter for District Metered Area (DMA)

1995
World's 1st – insertion electromagnetic flowmeter

1996
World's 1st – in-situ electromagnetic flowmeter verification system

2000
World's 1st – 0 x diameter upstream and 0 x diameter sensor technology

2004
World's 1st – integrated GSM communication technology in flowmeter

2006
World's 1st – self-verifying electromagnetic flowmeter

2011
World's 1st – renewable energy powered electromagnetic flowmeter

2014
World's 1st – Water Industry Telemetry Standards (WITS) integrated powered electromagnetic flowmeter

2017
World's 1st – electromagnetic flowmeter with NFC (Near Field Communication) interface

2021
World's 1st – electromagnetic flowmeter with mobile communication

Available on Google play store and Microsoft store

In practice, many water utilities like many organizations overlook the potential cost savings through increase in productivity of their work force. The level of technologies can make a massive difference in creating a productive and effective workforce.

Velox (Latin word meaning swift) smart phone/tablet app enables water utilities to increase the productivity (do more in less time) of their work force while reducing human errors.

1. Easy display of all parameters by ID
The ABB Velox app's process values tab shows, in an easy and intuitive way, the values for flow measurement, volume totaliser, pressure measurement and digital outputs.

2. Easy sharing of process values
The ABB Velox app allows users to easily share the process values as text file via one of the methods shown.

3. Easy display of flow measurement
The ABB Velox app records the latest flow and velocity readings from the transmitter.

4. Easy display of volume totalizers
The ABB Velox app records the latest forward volume, reverse volume and net volume from the transmitter.

5. Easy display of pressure measurements
The ABB Velox app records the latest pressure from the transmitter.

6. Easy display of digital outputs
The ABB Velox app shows clearly the digital output values.

7. Easy access to view and download logger file
If the transmitter was ordered with in-built logger,the ABB Velox app shows the logger icon.

Values to you

- Solution from the masters of flow measurement.
- Invest smartly through 'single box' DMA solution – combining measurement (flow & pressure), data logging and mobile communications.
- Have greatest confidence in your billing based on highest accuracy with the widest flow range revenue meter.
- Get early warnings for leaks or bursts and reduce NRW (non-revenue water) – highest confidence in night line performance.
- Have highest confidence in the wet calibration – flow rigs are certified by various national, independent, accredited bodies / laboratories all linked by the International Laboratory Accreditation Cooperation (ILAC).
- Frequent granular data of process (flow rates & Totalizer) and diagnostic parameters helps to reduce operational cost or eliminate energy wastage and will enable to control your supply and demand more accurately.
- Get data at a higher resolution for precise and specific periods of interest anytime and every time.
- Cyber Security assurance for data confidentiality & integrity including changes made in configuration settings or firmware upgrade with complete traceability which could be requested over air in near real time.
- Fit and flow with factory default settings. Use the ABB Velox Interface mobile smart phone/tablet app to easily change configuration/settings to your preference.
- Lowest total cost of ownership (TOTEX) over complete product lifecycle.
- Maximum confidence in the health of the flowmeter through the use of ABB's SRV500 in-situ verification tool.

Contact

ABB Measurement & Analytics
For your local ABB contact, visit:
www.abb.com/contacts

For more product information, visit:
campaign.abb.com/aquamaster4M

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