



ABB Measurement Products

AquaMaster3 flow measurement
Saving every drop of energy and cost
naturally!

ABB AquaMaster3 Electromagnetic flowmeter

Redefined and re-engineered, AquaMaster3 provides economic and reliable water measurement, saving every drop of energy and cost naturally!

AquaMaster3's specification, features and benefits are the direct result of ABB's worldwide experience in the water industry and are targeted at resolving environmental and industry specific requirements.

ABB's AquaMaster3 flowmeter sets the standard for potable water measurement, delivering best-in-class engineering with critical ownership and financial benefits for customers with challenging remote water metering and irrigation applications.

But, no matter where you place this next generation product, it will always be in its element. AquaMaster3 provides economic and reliable water measurement, saving every drop of energy and cost naturally!

Measuring potable water has been one of the biggest challenges for the Water Industry – a combination of measurement inaccuracies, especially in low flow scenarios, costly chamber construction, flow interruptions, suspect product reliability, expensive installation, commissioning and maintenance, all further compounded by poor leak prevention.

The remarkable ABB AquaMaster3 takes that challenge and, using only the earth's most natural resources, provides unique power management options for an energy conscious world, while also protecting our most valuable resource and your billing potential.



Product applications

Quite simply, AquaMaster3 provides world-class, industry specific performance across a range of key measurement indicators: -

- Revenue (billing) applications
- Leakage management
- District metering (DMAs)
- Clean water application
- Abstraction
- Water distribution
- Water network management
- Irrigation

The high value, precision solution for remote water metering and irrigation applications



Full range of power supply options for lowest cost site preparation and energy usage

- AC mains
- External long-life battery pack
- Internal standard lithium D-cell battery
- Solar/wind-power

Optional built in multi-sampling rate, pressure and flow data logger

- Integrated, all-in-one solution
- High resolution flow and pressure data logger
- Three instruments for the price of one – no need to purchase a separate pressure transmitter or data logger

Wireless communication via optional built in GSM modem

- Access and download all logged data remotely
- Remote diagnostics
- Reduces the requirement for costly and time-consuming site visits

Fully self-contained or remote transmitter

- Integral sensor/transmitter option
- Remote transmitter option, where sensor is required to be buried for example

Peace of mind with class leading, fully potted, IP68 electronic package

- Zero water ingress, even during flood conditions
- Military specification IP68 plug and socket connections
- Sealed-for-life = zero maintenance

Compatible with ABB's full range of industry-leading flow sensors

- Reduced-bore series for high turn-down applications, for
- Example, leakage detection
- Full-bore series for general-purpose water metering and irrigation applications
- All sensors are buriable, eliminating the need for costly chamber construction – a significant site preparation saving

Full range of approvals

- Optional MID approval
- Optional OIML R049 approval
- NMI approval pending



Contact us

To find your local ABB contact visit:
www.abb.com/contacts

For more product information visit:
www.abb.com/aquamaster3

Notes:

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents - in whole or in parts - is forbidden without prior written consent of ABB.

© Copyright 2012 ABB.
All rights reserved

Printed in UK (08.2012)