



AQUAMONIX
Measure. Monitor. Master.

MAG-B1 COMPACT BATTERY POWERED FLOW METERS WITH CLOSE COUPLED TRANSMITTER

Accurate and Reliable

The MAG-B1 allows you to install an accurate and reliable flowmeter virtually anywhere without sacrificing accuracy or performance if the main power is unavailable.

- Accuracy: $\pm 0.5\%$ of actual value (DN20 - DN150)
- Empty pipe detection function automatically turns off the excitation to prolong battery life

Long Battery Life

The MAG-B1 is powered by replaceable lithium batteries placed inside the transmitter.

- Standard 2 x 3.6 V battery pack, service life up to 5 years
- Optional 5 x 3.6 V battery pack, service life up to 10 years
- External battery pack available for battery life up to 15 years
- Battery conservation feature (pipe empty) for all battery options



EASY TO READ DISPLAY AND REMOTE COMMUNICATIONS

The MAG-B1 Transmitter features a graphic display and keypad for simple operation and instant access to information about 4 totalizers: total +, total -, total, aux.

- Easy access to data on-site, Modbus RTU communication protocol via USB or RS485
- Standard USB interface for configuration and data collection using MAGB1 software
- Isolated binary output (pulse per litres or alarm or flowrate functions)
- Error detection
- Data logger: 1820 records, selectable interval of logging (5 min - 24 h)
- Optional GSM-SMS module available

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IRRIGATION
AUTOMATION



WATER
MANAGEMENT



REMOTE
MONITORING

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EASY TO VERIFY

The MAG-B1 can be verified by our VeriMAG device, which is a smart stand-alone field testing instrument. It has the capability to test the integrity of an installed flowmeter for functionality of the connection between the sensor and the transmitter unit, and all other important internal components of the flowmeter.



FEATURES

- Suitable for conductive liquid
- Full bore type, no moving parts in measuring tube
- Simple and cost-effective construction
- Data logging facility and remote communication options
- Local Indication through Graphics LCD
- Empty pipe indication
- Two built-in earthing electrodes
- Maintenance free

DIAMETER	ORDER CODE	MAG-B1 COMPACT BATTERY POWERED METER
DN40	MAG-B1-40	Steel Bodied Flow tube, ISO Standard Length
DN50	MAG-B1-50	DIN or Table D Flanges
DN80	MAG-B1-80	Hastelloy Electrodes
DN100	MAG-B1-100	Hard Rubber Liner
DN150	MAG-B1-150	Battery powered with replaceable battery pack