

# AFLOWT BUF M

BATTERY-OPERATED ULTRASONIC FLOW METER



AFLOWT ®

Flow  
Measurement  
Equipment

- independent of power failure and power-off;
- independent of water pollution level (filters not required);
- no pressure loss in pipeline;
- high stability of measurement;
- electronic unit positioned directly on spoolpiece;
- LCD on/off button for battery charge saving;
- additional options: archives, galvanic isolation for pulse output, LCD backlight, cable gland for pulse output ;
- easy commissioning;
- OIML, MID and ISO 9001:2008 certified.

## Application:

- residential water consumption metering (cold and hot tap water);
- water consumption metering at industrial enterprises;
- water metering at pipeline control points;
- prepayment systems;
- irrigation.

## Specification:

Parameter	Value
Nominal diameter of the pipeline, DN	50, 65, 80, 100
Accuracy, %	from $\pm 2.0$
Flow velocity range, m/s	0.02 - 5
Fluid temperature range, °C:	0 - 90
Ambient temperature range, °C	5 - 65
Maximum pipeline pressure, MPa/bar	2.5/25
Protection	IP68
Measurement data logging, number of records:	
- hourly log	1440
- daily log	460
- monthly log	48
Lithium battery life, yrs.	10

DN	Length, mm	Weight, kg
50	200	7.5
65	200	9.0
80	225	10.2
100	250	12.5

## Outputs:

- LCD;
- Universal output;
- RS-485 interface (ModBus);
- wired or wireless M-Bus interface – on request.