

# AFLOWT BUF

BATTERY-OPERATED ULTRASONIC  
FLOW METER



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;
- Easy commissioning;
- OIML certified, MID certificate DE-12-MI001-PTB002.

## Application:

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

## Specification:

Parameter	Value
Pipe size, DN, mm	32 - 300
Connection type	- flanged type (DN 32–300) - threaded coupling connection type (DN 32–50)
Accuracy, %	from $\pm 1.0$
Flow velocity range, m/s	0.04–5
Fluid temperature range, °C	0–90 (130 on request)
Ambient temperature for transmitter, °C	5–65
Maximum pipeline pressure, MPa	1.6 (2.5 on request)
Protection	IP65 (IP67 or IP68 on request)
Measurement data logging, number of records:	
- hourly log	120
- daily log	45
- monthly log	48
Lithium battery life, yrs.	10

## Outputs:

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