

# AFLOWT MF Lite M

MAGNETIC FLOW METER



AFLOWT ®

Flow  
Measurement  
Equipment

# AFLOWT MF Lite M

MAGNETIC FLOW METER



- Available in sizes from DN 20 to 300 mm (3/4" - 12");
- Bidirectional flow measurement (on request);
- Full-bore meter design eliminates pressure loss in measurement section;
- No filtering required;
- Short straight pipe runs required for installation;
- Protection against unauthorized access;
- Connection types: flanged, threaded, and wafer;
- Suitable for mounting on polymer pipes;
- OIML certified, MID certificate DE-09-MI001-PTB018.

## Application (hot and cold water measurement):

- water abstraction;
- water treatment;
- water distribution network;
- irrigation;
- waste water treatment;
- filtration plants;
- heat distribution systems;
- heat generation plants;
- industrial water applications.

## Specification:

Parameter	Value
Pipe size, DN, mm	20 - 300
Accuracy, %	from $\pm 2.0$
Maximum pipeline pressure, MPa	2.5
Minimum conductivity, $\mu\text{S}/\text{cm}$	5
Fluid temperature range, $^{\circ}\text{C}$	minus 10 - 150
Ambient temperature range, $^{\circ}\text{C}$	5 - 50
Minimum straight pipe runs	5 DN upstream and 2 DN downstream
Protection	IP65
Power supply, VDC	24

## Outputs:

- LCD (on request);
- 2 pulse outputs;
- RS-485 interface (on request).

## Design (material):

- flanges and housing – carbon steel;
- housing and flow sensor for wafer-type DN20-50 mm - plastic;
- lining – PTFE\*;
- electrodes – stainless steel.

\* for wafer-type DN20-50 mm lining – high-strength heat-resistant polymer.



ISO 9001:2008

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