

AFLOWT MF Pro

MAGNETIC FLOW METER



AFLOWT 

Flow
Measurement
Equipment

- available in sizes from DN 20 to 300 mm (3/4"-12");
- high grade stainless steel, titanium or tantalum integrated electrodes;
- different lining materials available (PTFE or polyurethane);
- high accuracy and stability of measurement;
- bidirectional flow measurement (on request);
- batching mode available(through external control input);
- suitable for mounting on polymer pipes;
- OIML and ISO 9001:2008 certified;
- integrability into automatic industrial control systems.

Application:

- water with different percentage of impurities (potable, process, waste water);
- acids, alkalis, alkaline solutions, reagents;
- paper pulps, abrasive pulps;
- liquid foods.

Specification:

Parameter	Value
Nominal diameter of the pipeline, DN	20 - 300
Accuracy, %	±0.5
Maximum pipeline pressure, MPa/bar	2.5/25
Minimum conductivity, µS/cm	5
Fluid temperature range, °C - for PTFE lining - for polyurethane lining	minus 10 - 150 minus 10 - 70
Ambient temperature range, °C	5 - 50
Minimum straight pipe runs	5 DN upstream and 2 DN downstream
Protection	IP65
Power supply, VDC	24

Outputs:

- LCD;
- 4-20 mA analog output;
- 2 pulse outputs;
- RS-485 interface (Modbus);
- control input (button).

Design (material):

- flanges and housing – carbon steel (stainless steel flanges and protection rings available);
- lining – PTFE or polyurethane;
- electrodes – stainless steel, titanium, tantalum, etc.

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