

MAG-VIEW

MVM-250-QA

Low-Flow Magnetic Inductive Flow meters for water-like liquids



Technical specifications

Measurement & control

Type of media	liquids water-like
Flow range	12.5...250 l/min (max. flow 300 l/min)
Accuracy	±0.7 % of reading ±0.3 % of range
Repeatability	1% FS
Turndown ratio	up to 1:20
Response time (sensor)	< 100 ms
Operating temperature	< 125 °C
Fluid temperature	-10...60 °C
Mounting	in any position
Storage/transport conditions	0...50 °C, max. 95% RH (non-condensing)

Approvals

Marking	CE, RoHS, WEEE, REACH
---------	-----------------------

Mechanical specs

Pressure rating (PN)	10
Ingress protection	IP65
Material wetted parts	stainless steel 316L (electrodes and grounding rings); PVDF (measuring pipe); PVDF (process connections)
Housing material	ABS
Sealing material	EPDM
Sensor inner diameter	DN20
Process connections	1" BSP male thread

Electrical properties

Power supply	24 VDC ±10 %
Power consumption	3.6 W
Frequency/Pulse output	Pulse rate / K-factor: 200 pulses/l, Resolution: 5,0 ml/pulse, Signal shape: push-pull, Analog output: 4...20 mA, Signal current: max. 100 mA

Electrical interfaces

Power (main connector)	4-pin M12A (male)
Function (instrument connector)	Analog