

MAG-VIEW

MVM-250-PN

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



Technical specifications

Measurement & control

Type of media	liquids water-like
Flow range	5...250 l/min
Accuracy	±1.5 % of reading + 0.3 % of range
Repeatability	1% FS
Turndown ratio	up to 1:50
Response time (sensor)	< 500 msec
Operating temperature	< 125 °C
Fluid temperature	-20...90 °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)	16
Ingress protection	IP65
Material wetted parts	stainless steel 1.4571 (electrodes), stainless steel 1.4571 (process connections), PEEK-GF30 (measuring pipe)
Housing material	aluminium pressure diecasted
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: 100 pulses/l, resolution: 10 ml/pulse, signal shape: square wave signal - duty cycle 50:50, push-pull - NPN open collector [o.c.] - PNP o.c., signal current: max. 100 mA, current limited

Electrical interfaces

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