

DATASHEET MVM-060-PA

MAG-VIEW MVM-060-PA

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

MASSFLOW-ONLINE PRODUCT



Electromagnetic flow meters for low flow rates of water and aqueous solutions

MAG-VIEW instruments are electromagnetic inductive flow meters for electrically conductive liquids with a minimum conductivity of 50 $\mu\text{S}/\text{cm}$. The compact, weatherproof (IP65) flow meters do not contain any moving parts, cause virtually no pressure loss and can be mounted in any position, requiring no straight inlet or outlet runs.

MAG-VIEW flow meter model MVM-060-PA has a nominal diameter of DN10 for flow rates of 0,2...60 l/min, suited for operating pressures up to 16 bar(g). The instrument allows frequency and analog output (4...20 mA) proportional to the flow.

Technische specificaties

Meet- / regelsysteem

Flow	0,2 ... 60 l/min
Nauwkeurigheid volumeflowmeting	$\pm 1,5\%$ RD + $\pm 0,3\%$ FS (incl. fabriekskalibratiecertificaat; testcondities: water 23°C)
Turndown ratio	1:60
reproduceerbaarheid	1 % FS
Signaaluitgang vanaf	$\sim 0,2$ l/min
Media	Water and other conductive liquids (minimum conductivity of 50 $\mu\text{S}/\text{cm}$)
Responstijd (sensor)	< 500 msec
Bedrijfstemperatuur	-20 ... 90 °C
Montage	Any position, attitude insensitive
Flow indicatie	green LED, flow proportional flashing

Mechanische delen

Materiaal (onderdelen die in contact komen met het medium)	Electrodes: Stainless Steel 1.4571 Process connections: Stainless Steel 1.4571 Measuring pipe: PEEK-GF30 Gasket: EPDM
Behuizing	Aluminium pressure diecasted
Diameter	DN10
Procesaansluitingen	½" BSP male thread
Beschermingsgraad (behuizing)	IP65

Mechanische delen

Nominale druk	PN16
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Elektrische eigenschappen

Stroomvoorziening	12...24 Vdc $\pm$ 10 %
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Max. stroomverbruik	$\leq$ 150 mA
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Analoog signaal	4...20 mA, max. load 250 Ω to GND
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Frequentie uitgang	Pulse rate / K-factor : 500 pulses/l Resolution : 2,0 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
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Elektrische aansluiting	5-pin-plug M12x1
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Elektrische aansluiting

Control valve options

Externe actuatoropties die op de controller moeten worden aangesloten

Ex-proof specificaties

Goedkeuringen / certificaten

Technische specificaties kunnen zonder kennisgeving worden gewijzigd.

Voor technische maattekeningen en aansluitschema's bezoekt u de [productpagina](#) op onze [website](#)

Related products



MAG-VIEW MVM-030-PA

Flowbereik 0,1 ... 30 l/min
Drukklasse 16 bar
Zonder obstructie; lage ΔP
Geen bewegende delen;
lange levensduur
Analoge/Puls uitgang



MAG-VIEW MVM-060-PN

Flow range 1 ... 60 l/min
Pressure rating 16 bar
Non-obstructive; low ΔP
No moving parts; long life
cycle
Insensitive to
contamination



MAG-VIEW MVM-200-QA

Flow range 10 ... 200 l/min
Pressure rating 10 bar
Non-obstructive; low ΔP
No moving parts; long life
cycle
Cost-optimized (plastic)
model



MAG-VIEW MVM-250-PA

Flowbereik 5 ... 250 l/min
Drukklasse 16 bar
Zonder obstructie; lage ΔP
Geen bewegende delen;
lange levensduur
Analoge/Puls uitgang



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