MVM-020-QA

MAG-VIEW MVM-020-QA

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



- Compact, weatherproof (IP65) design
- No moving parts (no mechanical wear)
- Interference free operation
- Independence to inlet/outlet pipework
- Fast response
- Free pipe cross section: low ΔP, insensitive to contamination
- Cost-optimized (plastic) model

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 20 µS/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-020-QA is a cost-efficient instrument with a DN8 PVDF measuring tube for flow rates of 1…20 l/min, suited for operating pressures up to 10 bar(g). The analog and pulse output signals of the instrument are proportional to the flow.

Technische specificaties

Meet- / regelsysteem

Flow	1 … 20 l/min (max. flow 25 l/min)
Nauwkeurigheid volumeflowmeting	± 1 % RD (incl. fabriekskalibratiecertificaat; testcondities: water 23°C)
Herhaalbaarheid	1 % FS
Turndown ratio	1:20 (5…100%)
Signaaluitgang vanaf	~ 0,25 l/min
Media	Water and other conductive liquids (minimum conductivity of 20 µS/cm)
Responstijd (sensor)	< 100 msec
Bedrijfstemperatuur	Medium -10…60°C, Ambient 5…60°C, not freezing
Montage	Any position, attitude insensitive
Flow indicatie	blinking green LED

Mechanische delen

Materiaal (onderdelen die in contact komen met het medium)	Electrodes and grounding rings: Stainless Steel 316L Measuring pipe: PVDF Process connections: PVDF
Behuizing	ABS
Diameter	DN8
Procesaansluitingen	½" BSP male thread
Afdichtingen	EPDM
Beschermingsgraad (behuizing)	IP65
Nominale druk	max. 10 bar at 20°C, 8 bar at 40°C, 6 bar at 60°C

Elektrische eigenschappen

Stroomvoorziening	12 … 24 Vdc ±10 %
Max. stroomverbruik	3,6 W
Analoog signaal	4 … 20 mA
Frequentie uitgang	Pulse rate / K-factor : 1000 pulses/l Resolution : 1,0 ml/pulse Signal shape : Push-Pull Signal current : max. 25 mA
Elektrische beveiligingsmaatregelen	Short-circuit proof, protected against polarity reversal
Elektrische aansluiting	4-pin-plug M12x1

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-005-QA

Flow range 0,25 ... 5 l/min
Pressure rating 10 bar
Non-obstructive; low ΔP
No moving parts; long life cycle
Cost-optimized (plastic) model



MAG-VIEW MVM-030-PN

Flow range 0,5 ... 30 l/min
Pressure rating 16 bar
Non-obstructive; low ΔP
No moving parts; long life cycle
Insensitive to contamination



MAG-VIEW MVM-030-PA

Flow range 0,5 ... 30 l/min
Pressure rating 16 bar
Non-obstructive; low ΔP
No moving parts; long life cycle
Analog output



MAG-VIEW MVM-050-QA

Flow range 2,5 ... 50 l/min
Pressure rating 10 bar
Non-obstructive; low ΔP
No moving parts; long life cycle
Cost-optimized (plastic) model

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