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ANDERSON NEGELE MAGNETIC-INDUCTIVE FLOW METER FMQ

FMQ

FMQ



- Magnetic-Inductive
- Measuring Range 0.1...10 m/s
- Operating Pressure 0.1...11 Bar Absolute
- Approvals: FDA; 3-A

PRODUCT DESCRIPTION

The FMQ Magnetic Inductive Flow Meter from Anderson-Negele is ideal for flow rate and volumetric measurement of fluids and pastes for customers from the Food- and Pharmaceutical industries. Meeting the high expectations of these industries with regard to accuracy, life span and cleaning, the FMQ is also low maintenance and is available with all necessary certification.

The precise degree of accuracy at low flow rates permits the FMQ to be used in dosing and filling systems, where the media has a conductivity of 5 µS/cm and can also be used to monitor media with a < 5 % solid particle content (where the media has the same level of conductivity).

The sensor is made entirely of 316 stainless steel, with all of the media contacting materials being FDA approved. The FMQ is suitable for CIP-/SIP-cleaning up to max. 130 °C (up to 30 minutes) and also has an automatic empty pipe detection, to protect other components in your system from dry running damage. With a simple user interface that doesn't need the housing opening to adjust the parameters, moisture ingress, care and maintenance are all minimised. This is accompanied by a vacuum tight metering tube that is rigid, even at high temperatures and is also piggable.

Application Examples:

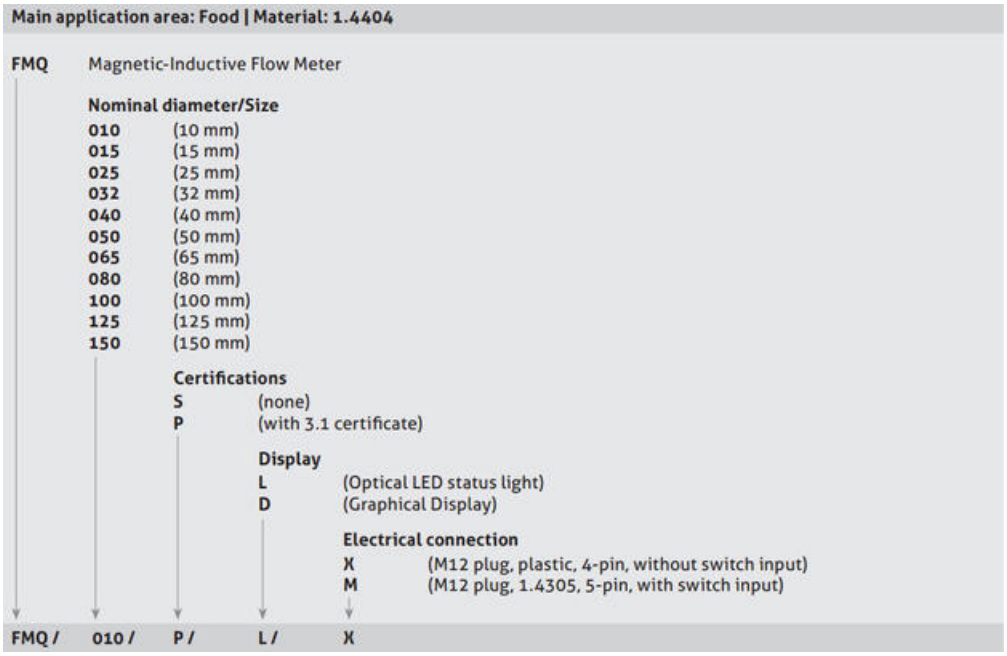
- Magnetic-inductive flow meter for the measurement of flow rate and volume in food and pharmaceutical applications
- Suitable for liquids, mash and pastes with a minimum conductivity of 5 µS/cm
- Precise measurement of media containing solids (< 5 % solid particle content)
- Measurement range from 30 l/h to 640 000 l/h
- Suitable for dosing and filling applications
- DN10-DN150 sizes available
- Optional surface finish on metal process connection Ra ≤ 0.4 µm (Pharma)
- FDA Certified



OEM Automatic can get the FMQ flowmeter to you in 3 working days!
The FMQ electromagnetic flow meter is an extremely versatile, robust and reliable device for all conductive media.
Specifications for instant delivery (other options available at standard lead time):

- Measuring range from 30 l/h to 300 000 l/h
- Measuring accuracy: ±0,5% ±2mm/s
- DN 10…100 available on stock
- Flex-Hybrid Technology with easy programming via display or PC

Please refer to the image below for ordering information.



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TECHNICAL DATA

Approvals	FDA
Area of apllication	Food, Pharma
IP class	IP67
Material display	PMMA
Material electrode	Stainless steel 316L
Material of connection	Stainless steel 316L
Material of seals	EPDM food approved
Material of sensor housing	Stainless steel AISI 304
Material of wetted parts	PFA
Temperature ambient from	-25 °C
Temperature ambient to	60 °C
Temperature of media from	0 °C
Temperature of media to	100 °C