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.

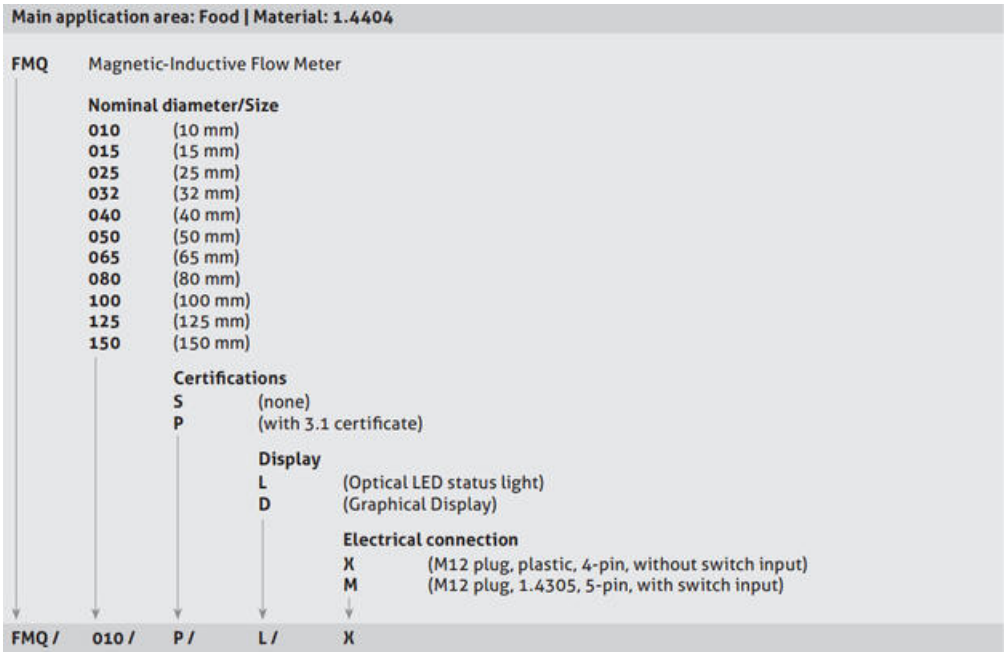
The precise degree of accuracy at low flow rates permits the FMQ to be used in dosing and filling systems, where the media has a conductivity of 5 µS/cm and can also be used to monitor media with a < 5 % solid particle content (where the media has the same level of conductivity).

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

Please refer to the image below for ordering information.



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SPECIFICATIONS

Approvals	FDA
IP Class	IP67
Temperature ambient from	-25
Temperature ambient to	60
Temperature range of media from	0
Temperature range of media to	100