

electromagnetic

mag

flowmeter

The latest electromagnetic and microprocessor technologies make MAGFLO® one of the most accurate flowmeters available. The real genius behind MAGFLO® is the way the technology has been simplified to create a product that is easy to install and easy to use.



Mag

Maintenance-Free Accuracy

- 0.25% of rate accuracy
- Automatic monitoring of electronics, sensor, electrodes, and cable connections between electronics
- No moving parts to wear or clog
- No pressure loss

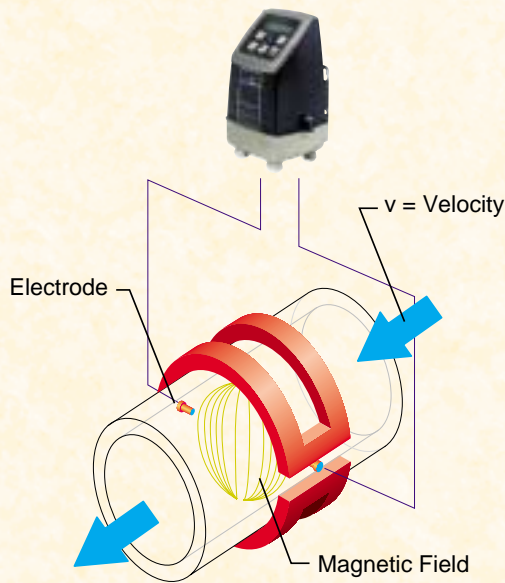
Withstands Almost Anything

- Standard construction meets NEMA 6 ratings for accidental temporary submersion
- The optional seal kit upgrades the flowmeter to meet NEMA 6P (prolonged submersion in 30 ft. of water)
- The sensor body is made of stainless steel and the Housing and Flanges are epoxy coated carbon steel — making the meter rugged and resistant to harsh environments

Flexible

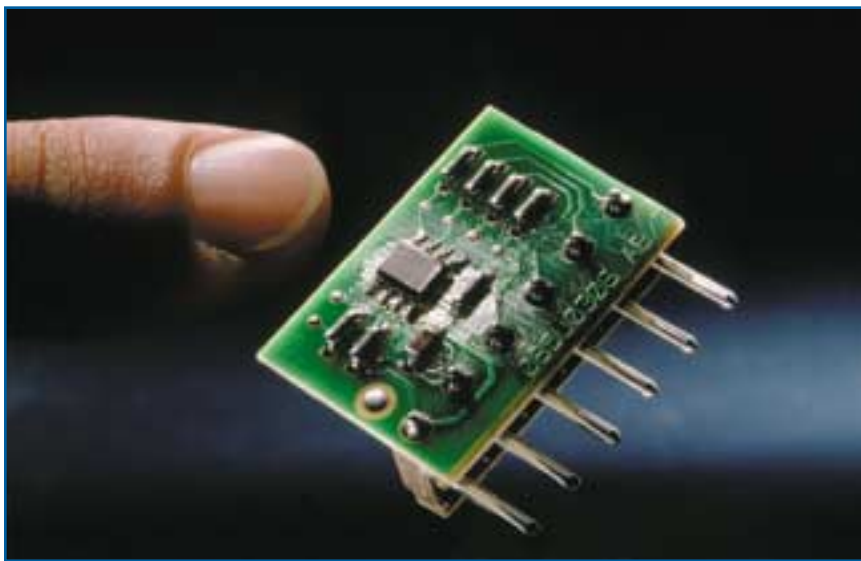
- Wide variety of liners to provide the optimal solution for your flowmetering needs
- Empty pipe detection to prevent false flow readings when electrodes lose contact with the liquid
- Automatic electrode cleaning available
- Available in line sizes ¼" to 60"
- No maintenance, low cost of ownership and high reliability make MAGFLO® the flowmeter of choice for many conductive liquid applications





How the MAGFLO® Measures Flow

The electromagnetic flowmeter employs Faraday's Law to measure the flowrate of conductive liquids. When a conductor moves through a magnetic field a small voltage is generated. The voltage generated is directly proportional to the flowrate through the meter, and is independent of temperature, viscosity, or pressure.



SENSORPROM™ Concept of the Future

- Installation without calibration — just turn on the power and the flowmeter will measure flow immediately
- The memory unit calibrates and programs the MAGFLO® automatically
- Replacing a converter is as easy as changing a light bulb — no rewiring or programming is required

MagFlo® is a registered trade mark of Danfoss A.S., Dic

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EMCO knows flow.

With over 30 years of flow metering and applications experience, we also know that one flowmeter does not fit all flow measurement applications.

What is the best flowmeter for your application? The answer is easy with EMCO's "Family of Flowmeters." With a wide selection of flow metering technologies and world wide representation, EMCO offers you personalized service and support that ensures you receive the best flowmeter for your application.

For liquid, gas, and steam, for pipe sizes from 1/16 to 100 in.

Inline and Insertion Vortex
 Inline and Insertion Turbine
 Electromagnetic Clamp-on
 Transit Time Ultrasonic
 Positive Displacement Piston
 Positive Displacement Helix

For more information



600 Diagonal Hwy
 Longmont, CO 80501
 (303) 651-0550
 (303) 678-7152 Fax
www.emcoflow.com
sales@emcoflow.com

