

Add value by metering
with GEA Service.



GEA IZMAG™ – For metering with new precision

Impressive design, ergonomics
and hygienic properties

Quality demands perfection

Impeccable metering adds value to your business by optimizing essential quality factors such as recipe control, risk minimization, and resource utilization. Precise and reliable data is crucial, especially in sensitive processes in food, pharmaceutical and biotech production.

The innovative GEA IZMAG™ meets the requirements for precision measurements at the highest level and is unmistakable due to its impressive functional stainless steel design. The electromagnetic flowmeter measures bi-directional flows of conductive fluids volumetrically with maximum reliability through continuous internal calibration.

With a backlit 360° display, the GEA IZMAG™ flow meter can be positioned exactly where it is needed. It is available as a compact single unit or with two separate units for measurement and electronics. The standard models can be extended for integration into networks via Profibus DP.

Installation and commissioning require only minimal effort, saving time and costs. The IZMAG™ is manufactured in Germany by GEA – continuing a long and proven tradition – and offered at a competitive price.

Electromagnetic flow metering at the highest level

- Available as one compact unit or two separate units
- Power supply 12 V/24 V DC or 100–240 V AC
- Integrated graphics display for the measured values
- Illuminated display can be rotated through 360° in two axes
- Three touch keys for risk-free parameter setting in the field
- Three digital outputs for volume pulses and status signal
- Digital signal input for resetting of counter, interruption of measurement (CIP) or start
- Flow signal output 0/4–20 mA, corresponding to a flow of 0–100 %

Flexible automation to reflect consumer trends

It is important to react quickly to consumer trends. Efficient and flexible manufacturing processes are required to meet increasing and changing demand. GEA engineers are consulting with plant operators to develop customer-oriented solutions for variable and expandable flow metering. The crowning result of these developments is the GEA IZMAG™ flow meter generation. This flow meter can be used with optional extras to provide individual support for automation projects.



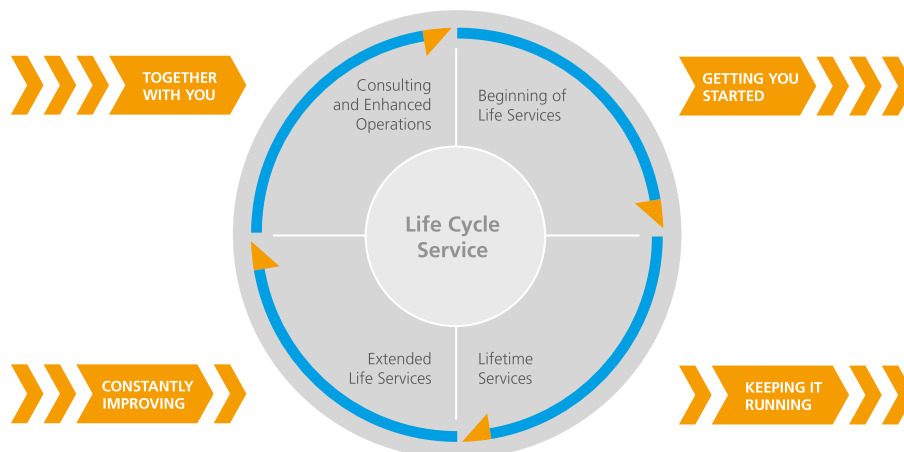
GEA IZMAG™ is the preferred precision dosing solution for alcoholic and non-alcoholic beverages, liquid foods, personal care and pharma/biotech products.

Functional design without compromise

- 1 Display surface rotatable by $4 \times 90^\circ$
- 2 Parameter protection
- 3 Integrated graphics display for measured values
- 4 Meter head, infinitely turnable
- 5 Concealed: connection for supply voltage
- 6 Transmitter, optionally as a separate unit
- 7 Base connection: aseptic flange
- 8 Vacuum-tight liner
- 9 Connection for bus system
- 10 Flow signal output
 - One digital signal input for zero setting, CIP or start
 - Three digital outputs for volume pulses and status signal



GEA IZMAG™ – Four stages of continued success





We live our values.

Excellence • Passion • Integrity • Responsibility • GEA-versity

GEA is a global technology company with multi-billion euro sales operations in more than 50 countries. Founded in 1881 the company is one of the largest providers of innovative equipment and process technology. GEA is listed in the STOXX® Europe 600 Index. In addition, the company is included in selected MSCI Global Sustainability Indexes.

GEA Service

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