



The compact & cost-effective all-rounder. With 10-Link FMQ: Permanently precise flow measurement

The FMQ electromagnetic flow meter is a tried- and tested, extremely versatile, robust, and reliable device for all conductive media. The performance spectrum is tailored to almost all applications, including dosing and filling applications.

IO-Link technology: digital IO-Link + analog 4...20 mA communication

- Extremely compact: Minimal size of measuring body and electronics allow easy, vibration-insensitive integration into almost all applications
- Extremely robust: All components are completely made of stainless steel. The magnetic field coils of the measuring system are consistently encapsulated, which guarantees permanently reliable, precise measuring results even in very harsh environments with strong vibrations or pressure surges
- Extremely reliable: Completely protected against moisture, corrosion, and vibrations; vacuum-proof tube lining made of high-quality PFA; process temperature up to 100°C (212 °F) for compact / 165 °C (329 °F) for remote version, CIP & pigging possible.
- Always accurate: Automatic signal processing ensures correct measured values even when changing media (e.g. milk/CIP cleaner)
- Easy commissioning and operation: User-friendly, rotatable display with optical buttons, no opening of the housing, no mechanical buttons, quick & easy programming
- Manufacturer-independent process connection:
 Standard aseptic flange according to DIN 11864, with
 O-ring, pipe standard DN10 ...DN100 (1/2"...4")
- Remote version (separate electronics) available, cable length from 1 to 10 m





Technical specifications at a glance

- Technology with digital + analog interface (IO-Link + 4...20 mA)
- · Measuring range from 30 Uh to 300 000 Uh
- · Measuring accuracy: ±0,5% ±2mm/s
- For liquids, mashes and pastes with a conductivity of > 5 μS/cm
- Process temperature up to 100 °C (212 °F) for compact / 165 °C (329 °F) for remote version
- CIP-/ SIP-cleaning up to 130 °C (266 °F) / max. 30 minutes

High precision when it counts: FMI

The electromagnetic flowmeter FMI is the alternative high-end version for higher accuracy requirements:

- **Even higher accuracy:** Measuring accuracy ±0,2% ±1mm/s for high precision applications
- Even more versatile electronics: optionally Profibus, optionally remote version with cable length 5 / 10 m.



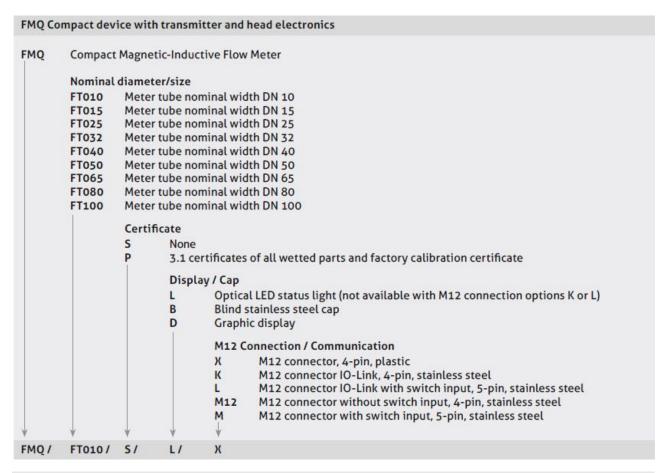
Technical specifications FMI are equal to FMQ, but measuring accuracy ±0.2% ±1mm/s.

For further details please see the FMI product information or www.anderson-negele.com

SENSORS FOR FOOD AND BIOPHARMA.







FMQ-R Remote Magnetic-Inductive Flow Meter

Interconnect Cable 1 1 meter length

2 2 meter length 3 3 meter length 4 4 meter length 5 5 meter length 6 6 meter length 7 7 meter length 8 8 meter length 9 meter length

10 meter length

Process adapters (optional available)

10







TC Tri-Clamp



GG Milk pipe fitting



HH Aseptic fitting



VN Varivent



FG FG hygienic flange



DF DIN flange



SMS threaded connector

