

INSERTION MAGMETER

FMG2552
\$3100
 Basic Unit



- ✓ Up to 2% of Reading Accuracy
- ✓ Software-Based Noise Rejection Routines
- ✓ NEMA-4/IP65 Enclosure
- ✓ 100% Keypad Calibration
- ✓ Standard Isolated Current Output, Fully Programmable and Open Collector Frequency Output
- ✓ High Input Impedance Reduces Coating Problems
- ✓ LCD Display for Local Readout and Control
- ✓ One Size Fits Pipes From 2 to 12"

FMG2552 magmeter, \$3100.
 DPF701, \$260, sold separately, see page H-9.



Shown smaller than actual size.

The latest in bipolar pulsed dc technology and the best features of an insertion sensor are packed into the FMG2552 insertion magmeter. Simple installation, easy maintenance, and state-of-the-art microprocessor technology make the FMG2552 the best alternative to traditional full-line magmeters.

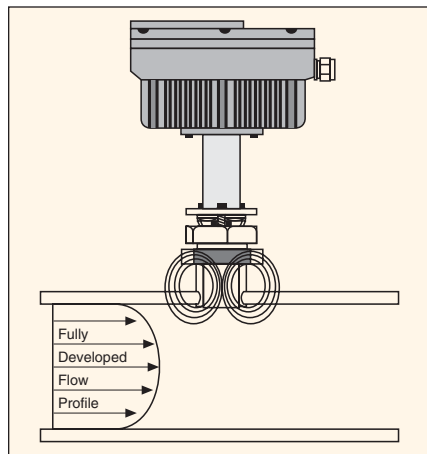
The FMG2552 is based on the Faraday principle, and provides output signals proportional to flowrate. With automatic temperature compensation, the result is linear within $\pm 2\%$ of actual flowrate and repeatable within $\pm 0.5\%$ of the full range.

The bipolar electronic design and the 10000 M Ω input impedance reduce galvanic formation on the electrodes and minimize coating problems.

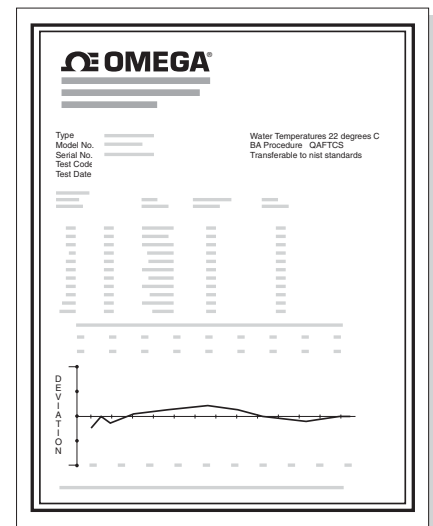
The FMG2552 generates an isolated current output and an isolated frequency output.

The current output provides a universal signal to recorders, valves, and a host of process control and data acquisition devices.

The open collector frequency output is compatible with OMEGA® DPF700, panel meters, see page H-9.



Faraday's Principle:
 Movement of a conductive fluid through a magnetic field generates a perpendicular electromotive force proportional to its velocity.



Every FMG2552 magmeter is thoroughly tested and certified in an automated NIST traceable flow loop. A detailed calibration certificate is supplied with each instrument, including linearity and repeatability test data.

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