

Electromagnetic Flow Meter for Conductive Liquids

The electromagnetic flow meter measures liquid flow rate by applying a magnetic field to the fluid and measuring the induced voltage. Suitable for water, chemicals, and slurries, it offers accuracy from $\pm 0.5\%$ to $\pm 1.0\%$ and IP65 to IP68 protection.



ADDITIONAL IMAGES



Overview

High-Precision Electromagnetic Flow Measurement

The LDQ-98A electromagnetic flow meter is an economical and reliable solution designed for high-precision flow measurement across diverse process conditions. Engineered for stability and minimal magnetic interference, it delivers consistent signal output even in demanding environments. This versatile instrument is widely utilized in critical industries, including oil and gas, water treatment, and chemical processing.

Performance Metrics

Flow Range

30 m³/h

Max Flow Rate

5 m/s

Max Velocity

Accuracy Class

0.5%

Operating Conditions

Pressure Rating

16 bar

Temperature Range

-25 to 180°C

Electrical & Connectivity

Power Supply Options

- 12V-36V DC
- 85-265V AC
- 3.6V Battery

Output Signals

4-20mA, Pulse, RS485

Physical Specifications

Protection Rating

IP68 • IP65

Construction Details

Feature	Specification
Lining Material	PTFE
Connection Type	Flange
Model	DN50 / ALM-EMF6000A04017N