

Integrated Electromagnetic Flowmeter with LCD

This integrated electromagnetic flowmeter features a liquid crystal display for easy reading of flow parameters. It is designed for metering conductive liquids, water, and sewage.

2-Block wiring marking (See table 1)		Table 1	
Wire	Color	Terminal	Function
1	Blue	1	Power supply (+)
2	Black	2	Power supply (-)
3	Red	3	Flow signal (+)
4	Green	4	Flow signal (-)
5	Yellow	5	Temperature signal (+)
6	White	6	Temperature signal (-)
7	Brown	7	Ground

ADDITIONAL IMAGES



Overview



Integrated design featuring a clear liquid crystal display for real-time flow monitoring.

Intelligent Electromagnetic Flowmeter

This integrated electromagnetic flowmeter is designed for the precise measurement of conductive liquid volume flow in closed conduits. Utilizing Faraday's law of electromagnetic induction, it offers high accuracy and reliability for industrial and agricultural applications, including water treatment, chemical processing, and sewage management. The device features an integrated design with an easy-to-read LCD display, ensuring simple installation and real-time monitoring of flow parameters.

Performance & Measurement

Measurement Accuracy

±0.5% • ±1.0%

Flow Performance

10 : 1
Range Ratio

30000 hours
MTBF

Velocity Range

0.3 - 10 m/s

Technical Specifications



Robust construction suitable for demanding industrial applications and water treatment.

Output Signals

- 4-20mADC
- 2kHz Pulse
- RS-485 Interface

Power Source	85-265VAC, 18-36VDC
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Protection Level	IP65 or IP67
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Materials & Compatibility

Lining and Electrode Materials

Component	Options
Lining	Polyurethane, Neoprene, PTFE, F46
Electrode	Stainless Steel 316L, Hastelloy HB, Hastelloy HC, Titanium, Tantalum, Platinum

Environmental Conditions

Medium Temperature	0-70°C, 0-120°C, 0-180°C
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Operating Environment	-20°C to +50°C; 5% to 90% Relative Humidity
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