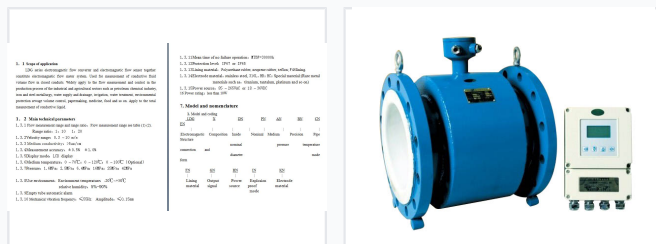


Remote Electromagnetic Flowmeter with LCD

This electromagnetic flowmeter is a remote type with a liquid crystal display. It is designed for metering conductive liquids and water with stainless steel 304 construction and RS485 signal output.

2-Block wiring marking (See table 1)		Table 1	
Wire	Color	Signal	Function
1	Blue	RS485 A	RS485 A
2	Brown	RS485 B	RS485 B
3	Black	0V	0V
4	Red	24V	24V
5	Green	0V	0V
6	White	0V	0V
7	Grey	0V	0V
8	Yellow	0V	0V
9	Purple	0V	0V
10	Pink	0V	0V
11	Light Blue	0V	0V
12	Light Green	0V	0V
13	Light Yellow	0V	0V
14	Light Purple	0V	0V
15	Light Pink	0V	0V
16	Light Light Blue	0V	0V
17	Light Light Green	0V	0V
18	Light Light Yellow	0V	0V
19	Light Light Purple	0V	0V
20	Light Light Pink	0V	0V

ADDITIONAL IMAGES



Overview



Separated sensor and display unit design for flexible installation.

Remote Electromagnetic Flowmeter

This remote-type electromagnetic flowmeter is designed for precise volumetric flow measurement of conductive liquids in closed conduits. Featuring a separated sensor and converter design with an integrated LCD display, it offers flexible installation options for industrial and agricultural applications. Built with robust materials like 304 stainless steel and advanced lining options, this unit provides reliable performance in corrosive environments, including water treatment, chemical processing, and sewage management.

Performance Metrics

Key Performance Metrics

0.5 % Accuracy	30000 h MTBF	10 W Max Power
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Velocity Range 0.3 - 10 m/s

Minimum Medium Conductivity 5 us/cm

Technical Specifications



Equipped with an LCD screen for clear flow parameter monitoring.

Protection Level

IP65 • IP67

Power Source Options

- 85-265 VAC
- 18-36 VDC

Output Signals

RS-485, 4-20mADC, 2kHz

Materials & Compatibility

Lining Materials

- Polyurethane rubber
- Neoprene rubber
- Teflon (PTFE)
- F46

Electrode Materials

- Stainless Steel 316L
- Hastelloy HB
- Hastelloy HC
- Titanium
- Tantalum
- Platinum

Operational Limits

Nominal Pressure Ratings

- 1.6 MPa
- 2.5 MPa
- 6.4 MPa
- 16 MPa
- 25 MPa
- 42 MPa

Medium Temperature

0-70°C, 0-120°C, 0-180°C