

Product quotation

# **Digital Magnetic Water Flow Meter**



Call for price (01728262625)

## Digital Magnetic Water Flow Meter

Brand: BCST

Origin :China

Type: Electromagnetic

Monitor: Remote type / Integral type

Size: DN 25 DN 2600 mm

Capaciry:0.04~191037.6 m3/hr

Max. Working Pressure:1.6 MPa (16 Bar)

Output Signal: 4-20 mA, RS 485

Connection: Flange

## Power Supply:P24v DC

## Key Features and Benefits of Digital Magnetic Water Flow Meter:

- High Accuracy: Provides precise measurement of water flow rates.
- Non-Invasive Measurement: No moving parts or obstructions in the flow path, minimizing pressure loss and reducing maintenance.
- Wide Flow Range: Can measure a wide range of flow rates, from low to high.
- Remote Monitoring: Many models offer remote monitoring capabilities for convenient data access.
- Pulse Output: Enables integration with other systems for data logging and control.
- Durable Construction: Built to withstand harsh conditions and provide longlasting performance.
- Low Maintenance: Requires minimal maintenance, reducing operational costs.
- Versatile Applications: Suitable for various applications, including water supply, irrigation, and industrial processes.

#### How it Works:

- 1. Magnetic Field: A magnetic field is generated across the flowmeter's sensor.
- 2. Voltage Induction: As conductive water flows through the magnetic field, a voltage is induced, proportional to the flow velocity.
- 3. Signal Processing: The induced voltage is amplified and processed by the flowmeter's electronics.
- 4. Flow Rate Calculation: The flow rate is calculated based on the measured voltage and the known pipe diameter.
- 5. Digital Display: The calculated flow rate is displayed on the digital screen.

## **Common Applications:**

• Water Supply Systems: For monitoring water consumption in residential and commercial buildings.

- Irrigation Systems: For optimizing water usage in agriculture and landscaping.
- Industrial Processes: For measuring water flow in various industrial processes, such as cooling systems and chemical processing.
- Water Treatment Plants: For monitoring water flow and treatment processes.

## Key Considerations When Selecting a Digital Magnetic Water Flow Meter:

- Fluid Conductivity: Ensure the fluid being measured has sufficient conductivity for accurate measurement.
- Pipe Material: Consider the pipe material to avoid interference with the magnetic field.
- Flow Rate Range: Select a meter with a suitable flow rate range for your application.
- Accuracy Requirements: Choose a meter with the desired level of accuracy.
- Environmental Conditions: Consider the operating environment, such as temperature and pressure.
- Installation Considerations: Assess the ease of installation and maintenance.
- Cost: Balance the cost of the meter with its features and performance.

## Why Choose Aquafit Technologies for Your Water related product

When it comes to selecting a water related product, Aquafit Technologies stands out as a top choice for several compelling reasons. Here's why our clients prefer us over others:

- 1. Economical Pricing: We offer high-quality product at competitive prices, ensuring that you get the best value for your money without compromising on quality.
- 2. Rapid Service: Our dedicated team provides quick and efficient service, addressing any issues or queries promptly to ensure your purifier remains in optimal condition.
- 4. Extensive Service Network: With over fifty service centers across Bangladesh, we ensure that help is always close by, no matter where you are.
- 5. Affordable Parts: We provide parts at the lowest prices, making it economical to maintain your product and keep it running efficiently.
- 7. 24/7 Service Centers: Our service centers operate around the clock, offering support whenever you need it, including evenings and weekends.

- 8. 100% Return Policy: We stand by the quality of our products with a 100% return policy on any default items, ensuring complete customer satisfaction.
- 9. Client Satisfaction First: At Aquafit Technologies, we prioritize client satisfaction above all else, striving to exceed your expectations with every interaction.
- 10. Flexible Payment Options: We accept payments through more than 20 bank cards and mobile banking services, making transactions convenient and hasslefree.

Choosing Aquafit Technologies means opting for quality, reliability, and exceptional customer service. Experience the difference with our top-rated products and join the many satisfied clients who trust us for their water purification needs.