

# IP-68 FLOW METER



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*Amphibian That Never Sleeps*

## Bulfro Monitech Pvt. Ltd. Iot Solutions



# IP-68 FLOW METER

Technical Brochure

# IP-68 Flow Meter :

The Bulfro Compact Electromagnetic Flow Meter is a robust solution engineered for highly accurate water flow measurement in challenging environments. Featuring a full IP68-rated flow tube for complete dust and water protection, this meter delivers reliable performance even when fully submerged.

## Technical Parameters:

Performance	Parameters
Measurement Range Ratio	63:1
Working Pressure	<1.6 Mpa
Temperature	T30
Working Environment	-25°C-55°C, P68 Protection
Pressure Loss	ΔP 10
Power Consumption	<0.1Mw
Power Supply	3.6V 4Ah lithium battery



## Key Features - IP-68 Flow Meter

- .IP68 Protection Class:** Fully dust-tight and submersible; ideal for underground, flooded chambers, or outdoor installations.
- High Accuracy :** Standard accuracy of ±1.0% of reading; optionally available with ±0.5% for precision-critical applications.
- No Moving Parts:** Electromagnetic technology ensures minimal wear and long service life.
- Multiple Output Options:** 4–20 mA isolated analog output Pulse output RS485/RS232 (Modbus) Relay output Optional GSM/GPRS for remote telemetry
- Wide Operating Range :** Fluid temperature: up to 180°C (depending on liner) Pressure rating: ≥10 kg/cm<sup>2</sup> Flow velocity: 1–10 m/s

**6 .Chemical Compatibility:** Handles fluids with a pH range of 0–14; suitable for corrosive and industrial applications.

**7 .Power Supply Options:** Operates on 230V AC / 24V DC / battery + solar-based setups (customizable).

**8. Smart Display Unit:** Backlit LCD/LED display Totalizer, flow rate, diagnostics

Password-protected settings  
**9. Low Maintenance Design:** Self-cleaning, non-intrusive sensing with minimal calibration requirements.

**10. Application Versatility:** Water distribution networks Irrigation and agriculture Wastewater & sewage monitoring Industrial process lines Telemetry-integrated smart city systems

