

Bulfro Monitech Pvt. Ltd.

Water Sustainability Digital Solutions



Amphibian That Never Sleeps
Bulfro Monitech Pvt. Ltd.



BULFRO TANK LEVEL MONITORING SYSTEM (BTLMS)/TECHNICAL BROCHURE

Services:

- Product & Solution Sales
- Installation
- Data Management and Security
- Maintenance & Services
- Water Legal Compliance

Paddle Type Flow Meter:

The Bulfro BMFM-PSS-21 Paddle Type Flow Meter is a technologically advanced solution for accurate water measurement, playing a crucial role in promoting sustainability and e-governance. Its paddle wheel insertion design facilitates precise flow rate measurements in water distribution systems, aiding in sustainable water management. Trust in BMFM-PSS-21 for reliable water measurement and a sustainable, technology-driven approach towards efficient e-governance.

Key Features:

- **Paddle Wheel Insertion Design:** The paddle wheel insertion design ensures accurate measurement of flow rates across various fluid types.
- **Faraday's Law of Electromagnetic Induction:** Utilizes Faraday's law for electromagnetic induction to generate a frequency and signal proportional to the flow, ensuring precise measurements.
- **Robust and Compact Housing:** Built in a robust and compact housing, providing durability and reliability in diverse operating environments.
- **Wide Flow Velocity Range:** Capable of measuring flow velocities ranging from 0.5m/sec to 5 m/sec, making it suitable for a broad spectrum of applications. Ideal for a broad spectrum of applications. Ideal for
- **High Reynolds Numbers:** Provides excellent and reliable results for flows with Reynolds numbers greater than 5000

Material Of Construction (MOC):

	Body	Paddle	Pin	O Ring
Standard	PP	Delryn / PVDF	Hard Steel	Silicon / Viton
Optional	SS 316	PVDF / SS	Hard Steel	PTFE

Technical Specifications:

Flow Rate Range	0.5 m/sec to 5m/sec
Accuracy	±2% of full-scale deflection
Output Voltage	Square wave (Sinking) of 12-24VDC Max. amplitude, 15-17.5 Hz/meter/second
Cable Length	0.5 meters for filed type, 5 mtr. for panel type
Protecting Rating	IP-65
Operating Temp.	with PP Sensor up to 50°C with PVDF / SS Sensor up to 80°C Optional 125°C
Operating Pressure	up to 5kg for Plastic Body 0 to 20 Kg for the metal body

CONTACT US



+91 8459004436
+91 9699775296



Sales@bulfro.com
Info@bulfro.com



WWW.BULFRO.COM



<https://www.linkedin.com/company/bulfro/>