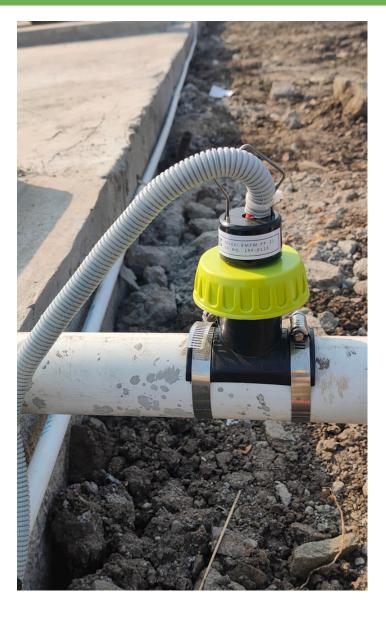
Bulfro Monitech Pvt. Ltd. Water Sustainability Digital Solutions





#### 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 egovernance. 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, technologydriven approach towards efficient egovernance.

### 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
- 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	РР	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		
	Square wave (Sinking) of 12-24VDC Max.		
Output Voltage	amplitude, 15-17.5 Hz/meter/second		
Cable Length	0.5 meters for filed type, 5 mtr. for panel type		
Protecting Rating	IP-65		
One constitue of	with PP Sensor up to 50[[C		
Operating Temp.	with PVDF / SS Sensor up to 80[]C Optional 125[]C		
Operating	up to 5kg for Plastic Body		
Pressure	0 to 20 Kg for the metal body		

# **CONTACT US**





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