

## 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.



### Material Of Construction (MOC):

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

## KEY FEATURES

- Paddle Wheel Insertion Design**  
 Ensures accurate and consistent flow measurement across a wide range of water applications.
- Electromagnetic Signal Generation**  
 Operates on the principle of electromagnetic induction, generating signals proportional to flow velocity for precise measurement.
- Robust & Compact Housing**  
 Durable, compact construction designed for reliable performance in diverse and demanding environments.
- Wide Flow Velocity Range**  
 Accurately measures flow velocities from 0.5 m/s to 5 m/s, suitable for varied operational conditions.
- Ideal for High Reynolds Number Flows**  
 Delivers stable and reliable results for turbulent flows with Reynolds numbers above 5000.

## Technical Specifications:

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





# BULFRO MONITECH

PVT. LTD.

*Digital Solutions for water sustainability*



## Services:

- Product Sales
- Installation
- Data Management and
- Security
- Maintenance
- Legal Compliance



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## PADDLE-TYPE FLOW METER

Technical Brochure

