

Water Flow Meter



Introduction :

The Electromagnetic Flow Meter accurately measures the flow rate of any conducting liquid or slurry that is flowing in closed pipes. It is obstruction less and hence offers no pressure drop in the process. The absence of moving parts ensures that there is no need for maintenance. The performance of the instrument is not affected by the properties of the material such as corrosiveness, viscosity, density, acidity, and alkalinity. It can measure the flow of liquids, pastes, and slurries in water, wastewater. Suitable for chemical, fertilizer, paper, dairy, sugar, food and beverage industries.



High Accuracy



Telemetry



Display
Screen



Cloud Server
Connectivity

Features:

- Unaffected by the temperature, pressure, density, or viscosity of the liquid.
- Able to detect liquids that include contaminants (solids, air bubbles)
- There is no pressure loss.
- Wifi based - sim card based.
- Cloud server connectivity.
- Telemetry.
- No moving parts (improves reliability)
- The converter use display, it is easy to read the data.
- The accuracy will be unaffected by the change of fluid density, viscosity, temperature, pressure and conductivity.

Applications :

- Water Abstraction.
- Water Treatment.
- Water Distribution Network.
- Custody Transfer Flow Meters.
- Irrigation.
- Waste Water Treatment.

Technical Specifications :

Type	Details
• Line Size	15 NB to 600 NB
• Flow Units	M3/H, M3/M, M3/S, L/H,L/M,L/S,USG/H, USG/M, USG/S
• Output	4-20 mA & Pulse
• Power Supply	220 VAC/24 VDC
• Process Temperature	Up to 80 Degree Celsius For Rubber Up to 150 Degree Celsius For PTFE