



# Electromagnetic Flow Meter

## TECHNICAL SPECIFICATION

|                    |                                                                              |
|--------------------|------------------------------------------------------------------------------|
| Model              | VIFLOW-MAG-013                                                               |
| Diameter           | Flange Type DN10 – DN500                                                     |
| Electrode Type     | SS 316L                                                                      |
| Lining Material    | Polytetrafluoroethylene(PTFE), Polyurethane Rubber (PU), Natural Rubber (NR) |
| Measured Pipe      | Stainless Steel                                                              |
| Power Supply       | 100V AC – 240V AC , 12V DC – 24V DC                                          |
| Output Signal      | Pulse Output , RS485 & 4-20mA                                                |
| IP Protection      | IP65, IP68                                                                   |
| Accuracy           | ±0.5% of Full Scale Output (FSO)                                             |
| Environmental Temp | 20 °C ~ 60 °C                                                                |
| Rated Pressure     | Customizable > 20Bar (Default 20Bar)                                         |

# Telemetry System



## TECHNICAL SPECIFICATION

|                          |                                                                                               |
|--------------------------|-----------------------------------------------------------------------------------------------|
| Model                    | VIFLOW-TM                                                                                     |
| GSM Quad Band            | 850,900,1800,1900 MHZ                                                                         |
| Environmental Protection | IP65, IP68 Enclosure for harsh environments                                                   |
| Lining Material          | Polytetrafluoroethylene(PTFE), Polyurethane Rubber (PU), Natural Rubber (NR)                  |
| Support                  | 2G/4G , VI/JIO/Airtel                                                                         |
| Supported Sensors        | Any sensor with RS485 output (e.g., flow meters, pressure sensors, temperature sensors, etc.) |
| Data Transmission        | Remote server, or cloud-based via telemetry                                                   |
| Temperature / Humidity   | -20°C to 70°C / 10% to 90% RH (non-condensing)                                                |
| Interfaces               | USB and optional GSM/GPRS for remote access                                                   |
| Communication Protocol   | RS485 (Modbus RTU/ASCII) / 0 – 10 VDC                                                         |
| Data Rate                | Hybrid, Analog, DigitalConfigurable: 9600 bps, 19200 bps, 38400 bps, etc.                     |