



# Electromagnetic Flow Meter

## TECHNICAL SPECIFICATION

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

# Telemetry System



## TECHNICAL SPECIFICATION

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