



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
Power Supply	12V/24V DC or 230V AC (with inbuilt SMPS) / Battery
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.