



## ELECTROMAGNETIC FLOW METER MAGFLOW (FULL BORE TYPE)

"TORQUR" make series 6400 (Full Bore Type) are new range of Bipolar Pulsed DC Full Bore type Electromagnetic flow meters. It is suitable for pipes with nominal diameters of DN 10 to DN 600. They are based on Faraday's law of Electromagnetic Induction. The series 6400 meters feature flanged construction and is available with choice of liner and electrode materials. Series 6400 has excellent accuracy and flow range ability. The meter is suitable for use on wide range of corrosive and aggressive range of conductive liquids.

**Available for pipe sizes Range : DN 10 to 3000**

### APPLICATION

- Water Supply Networks, Chemical, Petrochemical and Process Industries (Only Conductive Liquids)
- Pharmaceutical Industries / Paper and pulp Industries / Fertilizer Industries / Beverage Industries
- Waste - Water management , Sugar, Food, Drug and Beverages Industries
- Effluent Treatment Plants, Aluminum, Steel, Mining and Dredging Industries

### SPECIFICATION

• Suitable for pipe sizes	: DN 10 to DN 2000
• Media Conductivity (Min)	: 10 us / cm (Consult factory for 5 us/cm)
• Media Pressure	: PN 40 up to DN 80, PN 16 upto DN 200 & PN 10 up to DN 600
• Media Temperature (PTFE)	: 0"-180c with remote transmitter 0"-120c with integral transmitter 0"-90c max for other Liners
• Material	: SS 316 (Non - Magnetic)
• Liner	: PTFE / Neoprene / Polyurethane
• Electrode	: SS / Hastelloy C / Ta / Ti / PL
• End Connection / Flanges	: Carbon steel / SS 304 / SS 316 / SS 316L
• Coil Housing	: Carbon steel / SS, Epoxy painted
• Transmitter	: Cast aluminum (Lm6), Epoxy painted
• Power supply	: 110 / 240 V AC + 15 % 50 Hz
• Power consumption	: 20 VA
• Analog Output	: 4-20 mA / DC / 0-20 mA DC
• Communication port (Optional)	: RS -23 / RS - 485 MODBUS RTU protocol
• Response time	: 5 second
• Flow velocity Range	: 0.3 to 10 m/s
• Ingress Protection	: IP - 65 (IP 68 on request)
• LED Display	: 4 Digit Indication for flow rate and 8 digit indication for Totaliser programming from keyboard for engineering unit
<b>Accuracy</b>	: 0.5 % of measured value (calibrated) at reference conditions
• Accuracy	: 2 % of span
• For flow Between 0 to 100 %	: Refer Error Diagram
• Reference Conditions	
• Power Supply	: Nominal
• Ambient Temperature	: 25 + 2c
• Load Resistance	: 500
• Repeatability	: + 0.2% of span
• Effect of Ambient Temperature	: Less than 0.2% per 10c
• Effect of power supply	: Less than 0.1% per
• 10% Voltage Variation	
• Effect of Load Resistance Less than 0.1% of span	





ELECTROMAGNETIC FLOW METER MAGFLOW 6410 & 6420 (FULL BORE TYPE)



EMF SS RUBBER LINE FLOW METER



EMF SS PTFE LINE FLOW METER



EMF CI PTFE LINE FLOW METER



EMF CI FLOW METER



EMF PP FLOW METER



EMF CI RUBBER LINE FLOW METER



EMF CI REMOTE TYPE FLOW METER



EMF CI REMOTE TYPE FLOW METER

Video Link : <https://www.youtube.com/shorts/9G9I4wR5vI4>