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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 features 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

• Media Conductivity (Min)

Media Pressure

Media Temperature (PTFE)

Material

Liner

Electrode

• End Connection / Flanges

· Coil Housing Transmitter

 Power supply Power consumption

Analog Output

Communication port (Optional)

· Response time Flow velocity Range

Ingresss Protection

LED Display

Accuracy

Accuracy

For flow Between 0 to 100 %

Reference Conditions

 Power Supply Ambient Temperature

 Load Resistance Repeatability

• Effect of Ambient Temperature

 Effect of power supply • 10% Voltage Variation

• Effect of Load Resistance Less than 0.1% of span

: DN 10 to DN 2000

: 10 us / cm (Consult factory for 5 us/cm)

: PN 40 up to DN 80, PN 16 upto DN 200

& PN 10 up to DN 600

: 0"-180c with remote transmitter

0"-120c with integral transmitter 0"-90c max for other Liners

: SS 316 (Non - Magnetic) : PTFE / Neoprene / Polyurethane : SS / Hostelloy C / Ta / Ti / PL

: Carbon steel / SS 304 / SS 316 / SS 316L

: Carbon steel / SS, Epoxy painted : Cast aluminum (Lm6), Epoxy painted

: 110 / 240 V AC + 15 % 50 Hz

: 20 VA

: 4-20 mA / DC / 0-20 mA DC

: RS -23 / RS - 485 MODBUS RTU protocol

: 5 second : 0.3 to 10 m/s

: IP - 65 (IP 68 on request)

: 4 Digit Indication for flow rate and 8 digit indication for Totaliser programming

from keyboard for engineering unit : 0.5 % of measured value (calibrated) at

eference conditions

: 2 % of span

: Refer Error Diagram

: Nominal : 25 + 2c: 500

: + 0.2% of span

: Less then 0.2% per 10c

: Less then 0.1% per









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







EMF SS RUBBER LINE FLOW METER



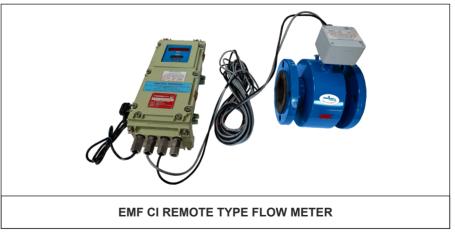












Video Link: https://www.youtube.com/shorts/9G9I4wR5vI4