

# Electro-Magnetic Flow Meter

## MS FL 0117 – HDPE Body

### FEATURE

- Full Bore Type
- Simple & cost effective construction
- Provides wide flow ranges
- Outstanding accuracy
- Operates over wide ranges of temperature & pressure
- Easy maintenance as no moving parts
- Pulsed DC coil excitation
- Integral grounding
- Remote Electronics



**PLASTIC / HDPE  
ELECTROMAGNETIC FLOWMETER  
WITH REMOTE FLOW INDICATOR  
TOTALISER**

### SPECIFICATION

Media	: Liquids
Viscosity	: 200 cp max
Conductivity	: Minimum 10 $\mu$ S/cm
Line Size	: 25~150 mm NB
Excitation	: Pulsed DC coil
Type of Output	: 4~20 mA DC Isolated
Calibration Range	: As per requirement (Factory Calibrated)
Accuracy	: $\pm 0.5\%$ FS
Linearity	: $\pm 0.5\%$
Repeatability	: $\pm 1\%$
Process Temperature	: 60°C max
Process Pressure	: 5 kg/cm <sup>2</sup>
Material of Construction of Sensor	: Hastelloy C / SS 316L
Body	: HDPE
Wetted Parts	: HDPE
Power Supply	: 230 VAC, 50Hz $\pm 10\%$
Power Consumption	: <10 VA
Response Time	: <100 ms
Temperature Coefficient	: $\pm 0.01\%$ /°C
Transmitter Enclosure	: IP 65
Process Connections	: Threaded BSP
Operating Conditions	: Temp 0~55°C / Humidity 5~95% non-condensing