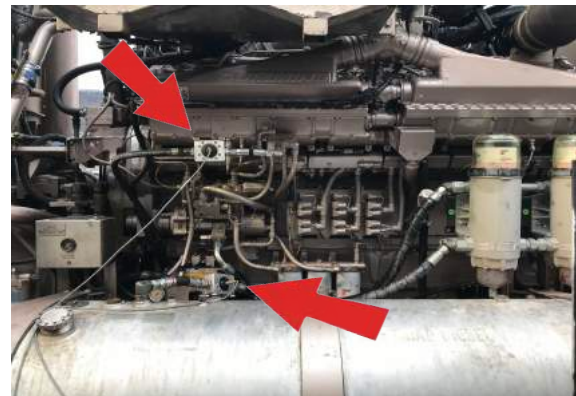


FCM SERIES OVAL GEAR FLOWMETERS .1% Accurate



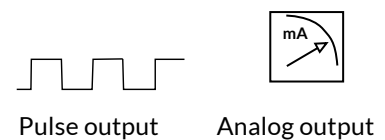
- FCM Series “Fuel Consumption & Measurement” Flowmeters
- Very high accuracy of $\pm 0.1\%$ of flow
- Innovative Magnet Mounting design - no mechanical attachment required
- Designed for Extreme and Harsh Environments
- Macnaught Oval Gear advantages: No Flow conditioning, compact size, excellent turndown
- Wide range of clean process fluid compatibility and viscosity flexibility
- Flow Computer / Display with dual input, temperature compensation and 4-20mA and Pulse outputs.



TECHNICAL SPECIFICATIONS

Flow Meter

MODEL	MX12 FCM-02	MX25FCM-02
Port Size	3/4" NPT	1" NPT
Flow Range	2 - 30 LPM	6 - 45 LPM
Max Pressure	150 PSI	150 PSI
Temperature	- 40°C to 80°C	- 40°C to 80°C
Accuracy	$\pm 0.1\%$ of reading	$\pm 0.1\%$ of reading
K-Factor	7-point calibration	7-point calibration
IP Rating	IP 67	IP 67
Hall Sensor	2x NPN with pull up resistor	2x NPN with pull up resistor
Temp Sensor	PT100	PT100
DIN Connection	M8 6 position	M8 6 position

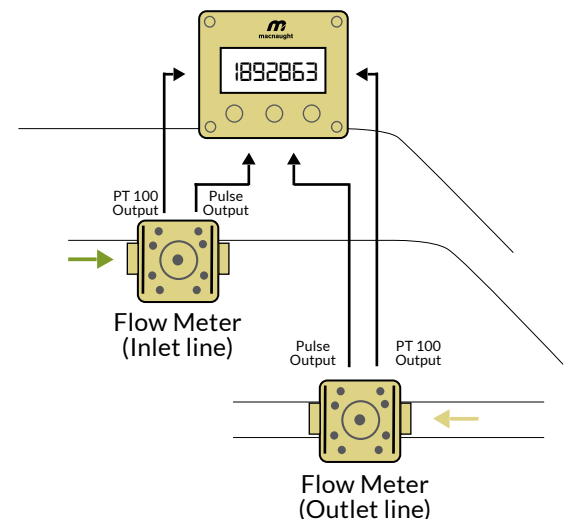


Display

MODEL	ERST - RMA
Signal input	Reed switch NPN - Hall effect sensor
Temperature input	PT100
Signal output	4-20 mA (Loop Powered/Passive)
Power supply	8- 30 VDC
IP rating	IP67
Mounting	Remote Mount
Cable entry	(2) x PG9 and (1) x M20
Backlight	Yes
Temperature	- 40°C to 80°C

APPLICATIONS

Precision Fuel / Oil / Lubricant Measurement Loops, Additive Blending, Ratio Blending & General Clean Process Fluid critical measurement requirements.



Macnaught USA 614 S Ware Blvd Tampa, FL 33619
 Ph: (813) 628-5506 Email: info@macnaughtusa.com Website: macnaughtusa.com

*For Macnaught warranty, terms and conditions see macnaughtusa.com/warranty