

MX12F 1/2" flowmeter series



1/2" Oval gear flow meter designed for the measurement of industrial Fuels and Oils.

- Aluminium construction
- Max flow rate 30 LPM / 8 GPM
- Temperature up to 80°C
- Accuracy 0.5% Pulse
- Available with BSP or NPT process connections
- Suitable for high viscosity fluids

Materials of Construction

Meter Body	Aluminium
Rotor	PPS (Ryton) * Standard option
Seals	FKM (Viton™)

Technical Specifications

Flow Rate	<5cps 3-25 L/min	>5cps 2-30 L/min
Temperature	-40 - 80°C	
Pressure	1,000 psi	
Accuracy	+/- 0.5%	
Repeatability	+/- 0.03%	
Nominal K-Factor	112 pulses per ltr	

Display and Output Options

Standard	Pulse Output	1x Reed/1x Hall Effect
PR	LC display (12mm)	Display Only
PRA	LC display (12mm)	Scaled Pulse, 4-20mA and Hi/Lo Flow Alarm
ER	LC display (17mm)	Display Only
ERA	LC display (17mm)	Scaled Pulse, 4-20mA output (passive)
ERS	LC display (17mm)	Net Use Function - input A-B (remote mount only)

Accessories

- Stainless Steel Y Strainer - 250 micron (60 mesh)
- Service/repair kits available upon request

Design Specifications

Process Connections	Threaded
	1/2" BSP
	1/2" NPT