

# MX40F 1 1/2" flowmeter series



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

- Aluminium construction
- Max flow rate 250 LPM / 66 GPM
- Temperature up to 80°C
- Accuracy 0.5% Pulse
- Available with BSP, NPT, DIN, JIS or ANSI process connections
- Suitable for high viscosity fluids

## Materials of Construction

<b>Meter Body</b>	Aluminium
<b>Rotor</b>	PPS (Ryton) * Standard option
<b>Seals</b>	FKM (Viton™)

## Technical Specifications

<b>Flow Rate</b>	<b>&lt;5cps</b>	<b>&gt;5cps</b>
	15-235 L/min	10-250 L/min
<b>Temperature</b>	-40 - 80°C	
<b>Pressure</b>	1,200 psi	
<b>Accuracy</b>	+/- 0.5%	
<b>Repeatability</b>	+/- 0.03%	
<b>Nominal K-Factor</b>	14.5 pulses per ltr	

## Display and Output Options

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

## Design Specifications

<b>Process Connections</b>	<b>Threaded</b>	<b>Flange</b>
	1 1/2" BSP	ANSI CLASS 150
	1 1/2" NPT	DIN PN16
		JIS 10k

## Accessories

Stainless Steel Y Strainer - 250 micron (60 mesh)

Air eliminator / Strainer combination

Service/repair kits available upon request