

MX25F 1" flowmeter series



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

- Aluminium construction
- Max flow rate 120 LPM / 32 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

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

Technical Specifications

Flow Rate	<5cps	>5cps
	10-100 L/min	6-120 L/min
Temperature	-40 - 80°C	
Pressure	2,000 psi	
Accuracy	+/- 0.5%	
Repeatability	+/- 0.03%	
Nominal K-Factor	36 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)

Design Specifications

Process Connections	Threaded	Flange
	1" BSP	ANSI CLASS 150
	1" NPT	DIN PN16
		JIS 10k

Accessories

Stainless Steel Y Strainer - 250 micron (60 mesh)

Service/repair kits available upon request