

MX100S 4" flowmeter series



4" Oval gear flow meter designed for the measurement of industrial solvents.

- Aluminium construction
- Max flow rate 1200 LPM / 317 GPM
- Temperature up to 120°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	Aluminium * Standard option
	Aluminium * High viscosity option - fluids > 1,000cps
Seals	FEP (Teflon®)

Technical Specifications

Flow Rate	<5cps	>5cps
	220-1,000 L/min	120-1,200 L/min
Temperature	-40 - 120°C	
Pressure	175 psi	
Accuracy	+/- 0.5%	
Repeatability	+/- 0.03%	
Nominal K-Factor	2.3 pulses per ltr	

Design Specifications

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

Display and Output Options

Standard	Pulse Output	1x Reed/1x Hall Effect
High Temp	Pulse Output	NPN open collector. Suitable for 120°C
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

- Air eliminator/Strainer combination - 400 micron (40 mesh)
- Service/repair kits available upon request