

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	

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

Design Specifications

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