

MX09S 1/4" flowmeter series



1/4" Oval gear flow meter designed for the measurement of industrial solvents.

- Aluminium construction
- Max flow rate 500 LPH / 132 GPH
- Temperature up to 120°C
- Accuracy 1%
- Suitable for high viscosity fluids

Materials of Construction

Meter Body	Aluminium
Rotor	Stainless Steel * Standard option Stainless Steel * High viscosity option - fluids >1,000cps
Seals	FEP (Teflon®)

Technical Specifications

Flow Rate	<5cps 25-500 L/hr	>5cps 15-500 L/hr
Temperature	-40 - 120°C	
Pressure	1,000 psi	
Accuracy	+/- 1%	
Repeatability	+/- 0.03%	
Nominal K-Factor	400 pulses per ltr	

Design Specifications

Process Connections	Threaded 1/4" BSP 1/4" NPT
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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

- Stainless Steel Y Strainer - 74 micron (200 mesh)
- Service/repair kits available upon request