

MX25S 1" flowmeter series



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

- Aluminium construction
- Max flow rate 120 LPM / 32 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	Stainless Steel * Standard option
	Stainless Steel * High viscosity option - fluids >1,000cps
Seals	FEP (Teflon®)

Technical Specifications

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

Design Specifications

Process Connections	Threaded	Flange
	1" BSP	ANSI CLASS 150
	1" 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

- Stainless Steel Y Strainer - 250 micron (60 mesh)
- Air eliminator/Strainer combination
- Service/repair kits available upon request