

PRODUCT DATA SHEET

MX25F-1SF - 1" DIGITAL FLOW METER WITH ER DISPLAY

The MX Series 1" DIGITAL FLOW METER are suitable for flows between 6 – 120 L/min (1.59 - 31.70 GPM), providing highly accurate flow measurement performance. The MX Series offers $\pm 0.5\%$ accuracy of true reading in a compact footprint, requiring no flow conditioning and with high pressure and temperature capabilities.

Key features include:

- Aluminium (6061) construction
- FKM (Viton) seals
- Maximum flow rate 120 L/min / 31.70 GPM
- Accuracy of $\pm 0.5\%$ of reading
- Exceptional repeatability of $\pm 0.03\%$
- Temperature up to 80 °C / 176 °F
- 1 point factory calibration as standard, with additional points upon request

SPECIFICATIONS



MX25F-1SF

ER Digital Register

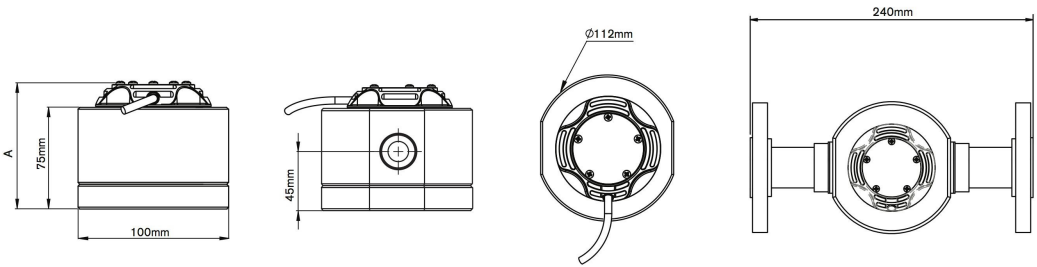
	MX25F-1SF			
Material of construction	Meter Body	Aluminium (6061)		
	Rotor	PPS		
	Seals	FKM (Viton)		
Design Specifications				
Process Connections		1" G Thread		
Technical Specifications		min	max	
	Flow rate < 5cPr	10	100	L/min
		2.64	26.42	GPM
		6	120	L/min
	> 5cP	1.59	31.70	GPM
		-	120	L/min
		-	31.70	GPM
	Non lubricating fluids			
	Operating Temperature Range**	-40	80	°C
		-40	176	°F
	Accuracy (±%)	±0.5%		
Repeatability (±%)	±0.03%			
Nominal K-Factor	36 Pulses/Litre			
	136.31 Pulses/Gallon			

OUTPUT TYPE



ER DISPLAY

ER [LCD 17mm display]	
Construction	Aluminium
IP Rating	IP67
Temp	Min: -40 Max: 80 °C Min: -40 Max: 176 °F
EX Approvals	- Please refer to instruction manual and certification documentation for product appropriate certification information
Display	
Digit size (upper/lower)	17mm/8mm
Accumulated total	✓
Resettable total	✓
Preset total	✗
Flow rate	✓
Outputs	
4-20 mA (passive)	✗
Pulse/Transistor Output	✗
Flow Alarm	✗
Batch Control output	✗



PULSER AND DISPLAY HEIGHT - A

