PRODUCT DATA SHEET

MX25P-1TF - 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 ±±0.5% accuracy of true reading in a compact footprint, requiring no flow conditioning and with high pressure and temperature capabilities.

Key features include:

- Stainless Steel (316) construction
- FEP Encapsulated seals
- Maximum flow rate 120 L/min / 31.70 GPM
- Accuracy of ±±0.5% of reading
- Exceptional repeatability of ±±0.03%
- Temperature up to 150 °C / 302 °F
- 1 point factory calibration as standard, with additional points upon request

SPECIFICATIONS

ER Digital Register



MX25P-1TF

	MX25P-1TF		
Material of construction			
Meter Body	Stainless Steel (316)		
Rotor	Stainless Steel (316)		
Seals	FEP Encapsulated		
Design Specifications			
Process Connections	1" G Thread		
Technical Specifications	**min**	**max**	
Flow rate < 5cPr	10	100	L/min
	2.64	26.42	GPM
> 5cP	6	120	L/min
	1.59	31.70	GPM
Non lubricating fluids	-	120	L/min
	-	31.70	GPM
Operating Temperature Range**	-40	150	°C
	-40	302	°F
Accuracy (±%)	±0.5%		
Repeatability (±%)	±0.03%		
Nominal K-Factor	36 Pulses/Litre		
	136.31 Pulses/Gallon		

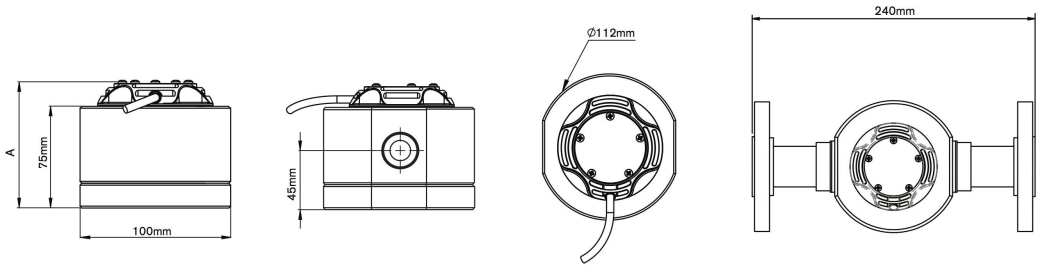
OUTPUT TYPE



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	✗

PRODUCT DATA SHEET



PULSER AND DISPLAY HEIGHT - A

