



# PRODUCT DATA SHEET

## MX25F-1SD - 1" DIGITAL FLOW METER WITH PR 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



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## SPECIFICATIONS

PR Digital Register



MX25F-1SD

		MX25F-1SD		
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
	> 5cP	6	120	L/min
		1.59	31.70	GPM
	Non lubricating fluids	-	120	L/min
		-	31.70	GPM
Operating Temperature Range**		-40	80	°C
		-40	176	°F
	Accuracy ( $\pm\%$ )	$\pm 0.5\%$		
	Repeatability ( $\pm\%$ )	$\pm 0.03\%$		
	Nominal K-Factor	36 Pulses/Litre		
		136.31 Pulses/Gallon		

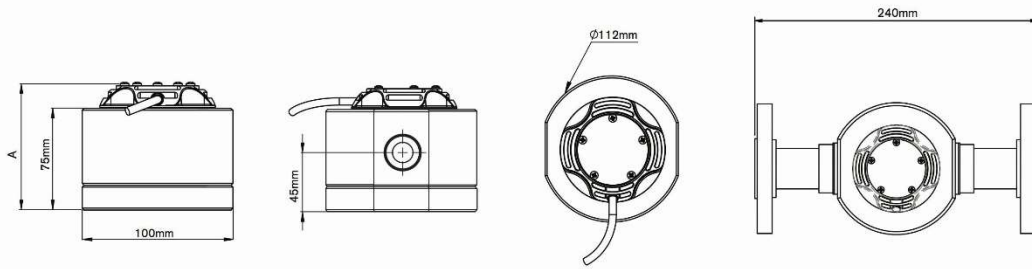
## OUTPUT TYPE



PR DISPLAY

		PR [LCD 12mm display]
Construction		Polypropylene
IP Rating		IP67
Temp		Min: -20 Max: 60 °C Min: -4 Max: 140 °F
EX Approvals		- Please refer to instruction manual and certification documentation for product appropriate certification information
Display		
Digit size (upper/lower)		12mm/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

OUTPUT A,I,J,K  
PULSER - Standard

OUTPUT B  
PULSER - Exia

OUTPUT C  
PULSER - EXd

OUTPUT N  
PULSER - Exia

OUTPUT T  
PULSER - High Temp.

OUTPUT D,E  
DISPLAY - LCD 12mm

OUTPUT F,G,H DISPLAY  
- LCD 17mm

