



PRODUCT DATA SHEET

MX25S-2SE - 1" DIGITAL FLOW METER WITH PRA 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
- FEP Encapsulated 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 120 °C / 248 °F
- 1 point factory calibration as standard, with additional points upon request

SPECIFICATIONS

PRA Digital Register



MX25S-2SE

		MX25S-2SE		
Material of construction	Meter Body	Aluminium (6061)		
	Rotor	Stainless Steel (316)		
	Seals	FEP Encapsulated		
Design Specifications		1" NPT Thread		
Process Connections		1" NPT 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	120	°C
		-40	248	°F
	Accuracy ($\pm\%$)	$\pm 0.5\%$		
	Repeatability ($\pm\%$)	$\pm 0.03\%$		
	Nominal K-Factor	36 Pulses/Litre		
		136.31 Pulses/Gallon		

OUTPUT TYPE

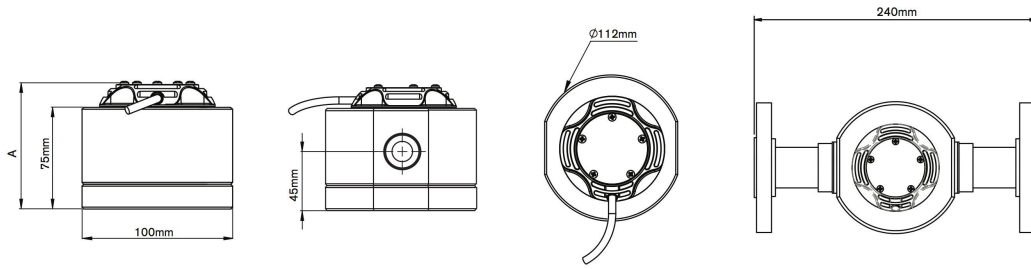


PRA DISPLAY

		PRA [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

