



# PRODUCT DATA SHEET

## MX25P-1HG - 1" DIGITAL FLOW METER WITH ERA 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:

- Stainless Steel (316) 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 80 °C / 176 °F
- 1 point factory calibration as standard, with additional points upon request

### SPECIFICATIONS



MX25P-1HG

		MX25P-1HG		
<b>Material of construction</b>				
Meter Body		Stainless Steel (316)		
Rotor		PPS		
Seals		FEP Encapsulated		
<b>Design Specifications</b>				
Process Connections		1" G Thread		
<b>Technical Specifications</b>		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

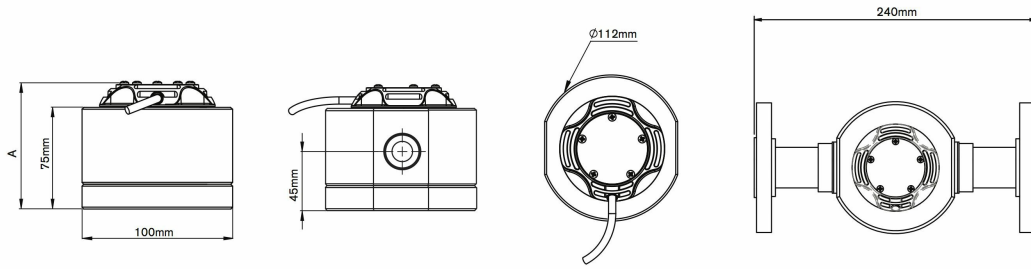


ERA DISPLAY

		ERA [LCD 17mm display]
<b>Construction</b>		Aluminium
<b>IP Rating</b>		IP67
<b>Temp</b>		Min: -40 Max: 80 °C Min: -40 Max: 176 °F
<b>EX Approvals</b>		- Please refer to instruction manual and certification documentation for product appropriate certification information
<b>Display</b>		17mm/8mm
Digit size (upper/lower)		
Accumulated total		✓
Resettable total		✓
Preset total		✗
Flow rate		✓
<b>Outputs</b>		
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

