



# PRODUCT DATA SHEET

## MX25P-2TC - 1" DIGITAL FLOW METER WITH FLAME PROOF (EX D)

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 150 °C / 302 °F
- 1 point factory calibration as standard, with additional points upon request

### SPECIFICATIONS



MX25P-2TC

		MX25P-2TC		
<b>Material of construction</b>	Meter Body	Stainless Steel (316)		
	Rotor	Stainless Steel (316)		
	Seals	FEP Encapsulated		
<b>Design Specifications</b>				
Process Connections		1" NPT 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	150	°C
		-40	302	°F
	Accuracy ( $\pm\%$ )	$\pm 0.5\%$		
	Repeatability ( $\pm\%$ )	$\pm 0.03\%$		
	Nominal K-Factor	36 Pulses/Litre		
		136.31 Pulses/Gallon		

### OUTPUT TYPE

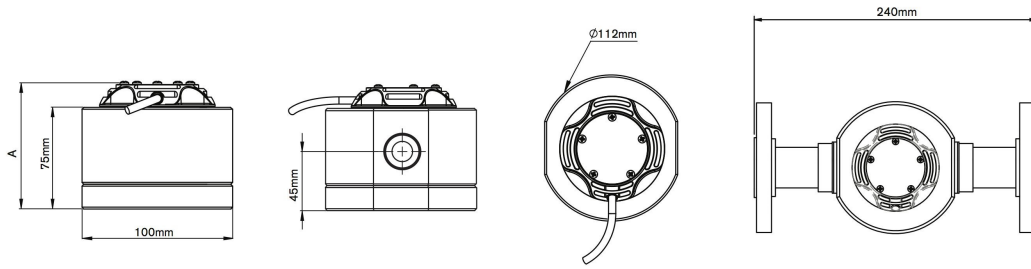


FLAME PROOF (EX D)

		EX Approved [Ex D]	
<b>Construction</b>		Stainless Steel	
<b>IP Rating</b>		-	
<b>Temp</b>	Min: - Max: - °C		
	Min: - Max: - °F		
<b>EX Approvals</b>		IECEX, ATEX, US & CAN THROUGH FM Please refer to instruction manual and certification documentation for product appropriate certification information	
<b>Display</b>	Digit size (upper/lower)	-mm/-mm	
	Accumulated total	✗	
	Resettable total	✗	
	Preset total	✗	
	Flow rate	✗	
<b>Outputs</b>	4-20 mA (passive)	✗	
	Pulse/Transistor Output	✗	
	Flow Alarm	✗	
	Batch Control output	✗	



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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

