



PRODUCT DATA SHEET

MX50P-2TA - 2" DIGITAL FLOW METER WITH STANDARD PULSE

The MX Series 2" DIGITAL FLOW METER are suitable for flows between 15 – 500 L/min (3.96 - 132.09 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 500 L/min / 132.09 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



MX50P-2TA

		MX50P-2TA		
Material of construction	Meter Body	Stainless Steel (316)		
	Rotor	Stainless Steel (316)		
	Seals	FEP Encapsulated		
Design Specifications				
Process Connections		2" NPT Thread		
Technical Specifications		min	max	
	Flow rate			
	< 5cP	15	500	L/min
		3.96	132.09	GPM
	> 5cP	15	500	L/min
		3.96	132.09	GPM
	Non lubricating fluids	-	500	L/min
		-	132.09	GPM
Operating Temperature Range**		-40	150	°C
		-40	302	°F
	Accuracy ($\pm\%$)	$\pm 0.5\%$		
	Repeatability ($\pm\%$)	$\pm 0.03\%$		
	Nominal K-Factor	6.7 Pulses/Litre		
		25.37 Pulses/Gallon		

OUTPUT TYPE



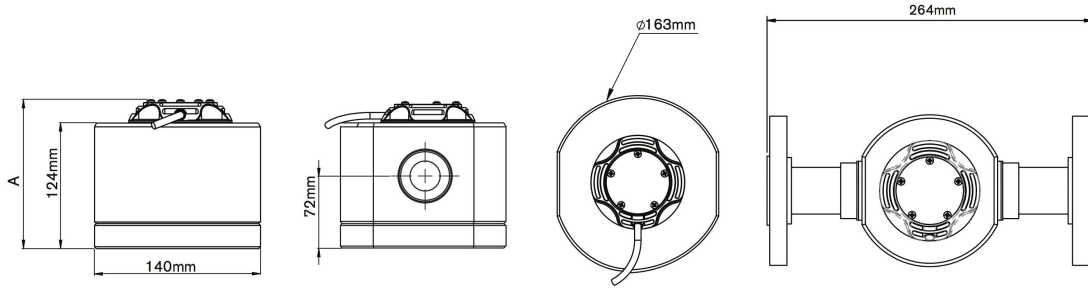
STANDARD PULSE

		Standard Pulse	
Construction		Polypropylene	
IP Rating		IP67	
Temp		Min: -40 Max: 120 °C	
		Min: -40 Max: 248 °F	
EX Approvals		-	
		Please refer to instruction manual and certification documentation for product appropriate certification information	
Display			
Digit size (upper/lower)		-mm/-mm	
Accumulated total		✗	
Resettable total		✗	
Preset total		✗	
Flow rate		✗	
Outputs			
4-20 mA (passive)		✗	
Pulse/Transistor Output		✗	
Flow Alarm		✗	
Batch Control output		✗	



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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

