

PRODUCT DATA SHEET

MX50S-2VA - 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:

- Aluminium (6061) 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 120 °C / 248 °F
- 1 point factory calibration as standard, with additional points upon request

SPECIFICATIONS



MX50S-2VA

MX50S-2VA			
Material of construction	Meter Body	Aluminium (6061)	
	Rotor	Aluminium (6061)	
	Seals	FEP Encapsulated	
	Design Specifications		
Process Connections		2" NPT Thread	
Technical Specifications		min	max
	Flow rate		
	< 5cPr	15	500
		3.96	132.09
	> 5cP	15	500
		3.96	132.09
	Non lubricating fluids	-	500
		-	132.09
	Operating Temperature Range**	-40	120
		-40	248
Accuracy ($\pm\%$)		$\pm 0.5\%$	
Repeatability ($\pm\%$)		$\pm 0.03\%$	
Nominal K-Factor		6.7 Pulses/Litre	
		25.37 Pulses/Gallon	

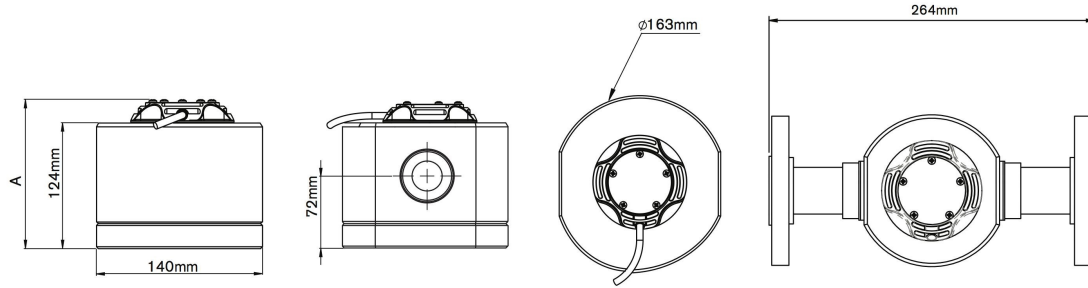
OUTPUT TYPE



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	×

PRODUCT DATA SHEET



PULSER AND DISPLAY HEIGHT - A

