

PRODUCT DATA SHEET

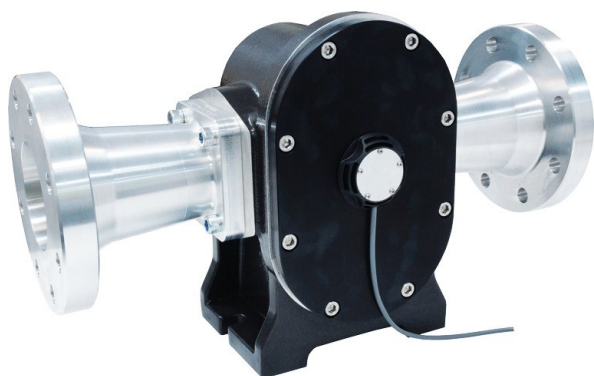
MX100F-3SA - 4" DIGITAL FLOW METER WITH STANDARD PULSE

The MX Series 4" DIGITAL FLOW METER are suitable for flows between 120 – 1200 L/min (31.70 - 317.01 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
- FKM (Viton) seals
- Maximum flow rate 1200 L/min / 317.01 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



MX100F-3SA

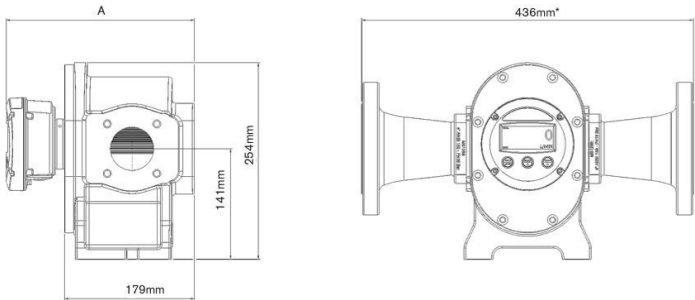
		MX100F-3SA		
Material of construction				
	Meter Body	Aluminium (6061)		
	Rotor	Aluminium (6061)		
	Seals	FKM (Viton)		
Design Specifications				
Process Connections		4" ANSI 150 Flange		
Technical Specifications		min	max	
	Flow rate			
	< 5cPr	220	1000	L/min
		58.12	264.17	GPM
	> 5cP	120	1200	L/min
		31.70	317.01	GPM
	Non lubricating fluids	-	1200	L/min
		-	317.01	GPM
	Operating Temperature Range**	-40	120	°C
		-40	248	°F
	Accuracy (±%)	±0.5%		
	Repeatability (±%)	±0.03%		
	Nominal K-Factor	2.3 Pulses/Litre		
		8.71 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	×



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
	