

PRODUCT DATA SHEET

MX50P-3SA - 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 80 °C / 176 °F
- 1 point factory calibration as standard, with additional points upon request

SPECIFICATIONS



MX50P-3SA

	MX50P-3SA			
Material of construction	Meter Body	Stainless Steel (316)		
	Rotor	PPS		
	Seals	FEP Encapsulated		
Design Specifications				
Process Connections	2" ANSI 150 Flange			
Technical Specifications		min	max	
	Flow rate < 5cPr	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	80	°C
		-40	176	°F
	Accuracy (±%)	±0.5%		
Repeatability (±%)	±0.03%			
Nominal K-Factor	6.7 Pulses/Litre			
	25.37 Pulses/Gallon			

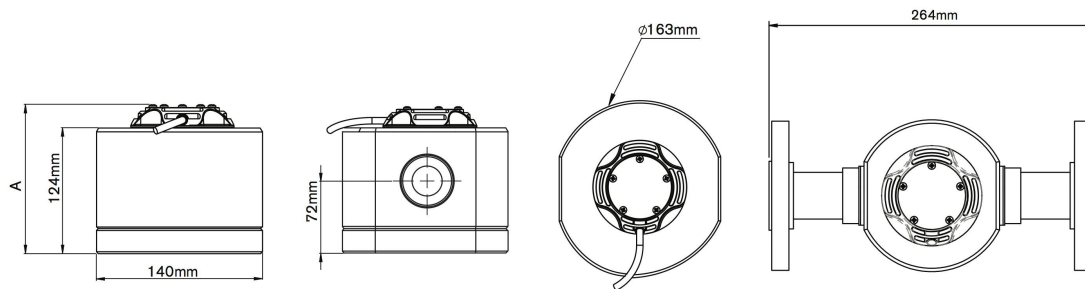
OUTPUT TYPE



STANDARD PULSE

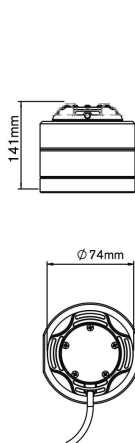
Standard Pulse	
Construction	Polypropylene
IP Rating	IP67
Temp	Min: -40 Max: 120 °C Min: -40 Max: 248 °F
EX Approvals	- Please refer to instruction manual and certification documentation for product appropriate certification information
Display	
Digit size (upper/lower)	-mm/-mm
Accumulated total	×
Resettable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

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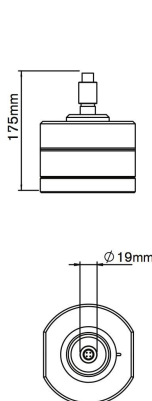


PULSER AND DISPLAY HEIGHT - A

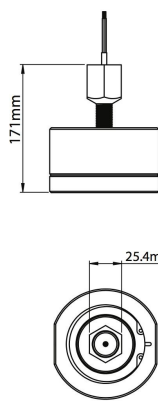
OUTPUT A,I,J,K
PULSER - Standard



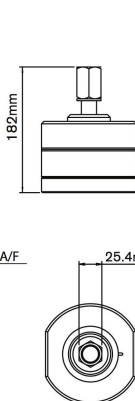
OUTPUT B
PULSER - Exia



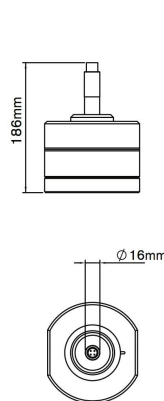
OUTPUT C
PULSER - EXd



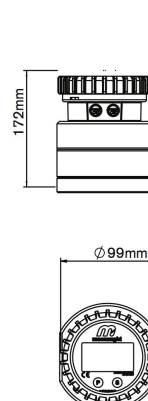
OUTPUT N
PULSER - Exia



OUTPUT T
PULSER - High Temp.



OUTPUT D,E
DISPLAY - LCD 12mm



OUTPUT F,G,H DISPLAY
- LCD 17mm

