



# PRODUCT DATA SHEET

## MX50F-1SA - 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
- FKM (Viton) 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



MX50F-1SA

		MX50F-1SA		
Material of construction	Meter Body	Aluminium (6061)		
	Rotor	PPS		
	Seals	FKM (Viton)		
Design Specifications		2" G Thread		
Process Connections		2" G Thread		
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 ( $\pm\%$ )	$\pm 0.5\%$		
	Repeatability ( $\pm\%$ )	$\pm 0.03\%$		
	Nominal K-Factor	6.7 Pulses/Litre		
		25.37 Pulses/Gallon		

### OUTPUT TYPE



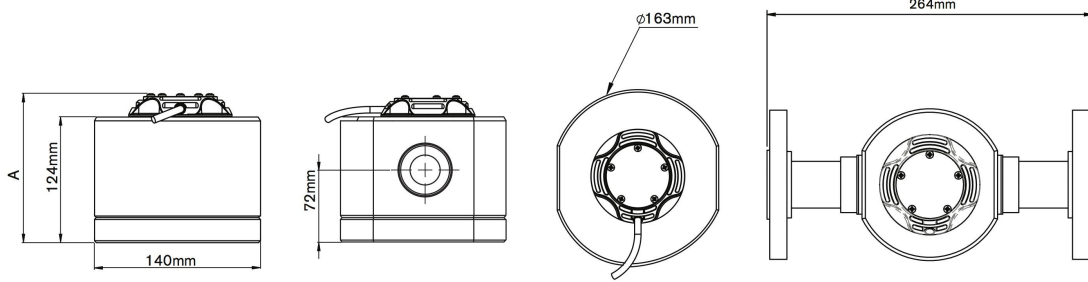
STANDARD PULSE

		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		✗	



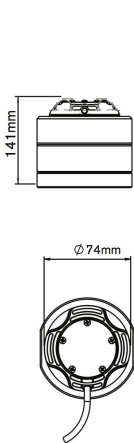
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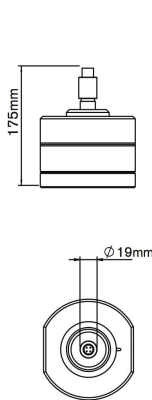


PULSER AND DISPLAY HEIGHT - A

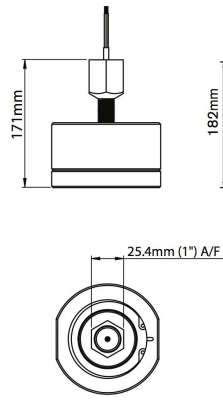
OUTPUT A,I,J,K  
PULSER - Standard



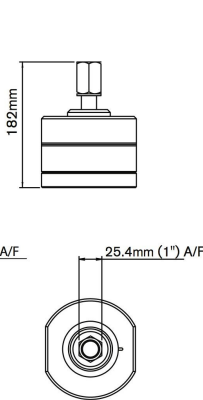
OUTPUT B  
PULSER - Exia



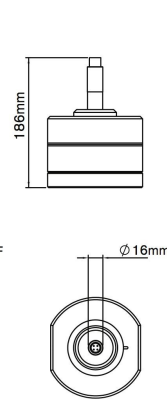
OUTPUT C  
PULSER - EXd



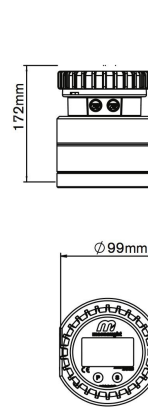
OUTPUT N  
PULSER - Exia



OUTPUT T  
PULSER - High Temp.



OUTPUT D,E  
DISPLAY - LCD 12mm



OUTPUT F,G,H DISPLAY  
- LCD 17mm

