

PRODUCT DATA SHEET

MX09F-2SA - 1/4" DIGITAL FLOW METER WITH STANDARD PULSE

The MX Series 1/4" DIGITAL FLOW METER are suitable for flows between 15 – 500 L/hr (3.96 - 132.09 GPH), 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/hr / 132.09 GPH
- 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



MX09F-2SA

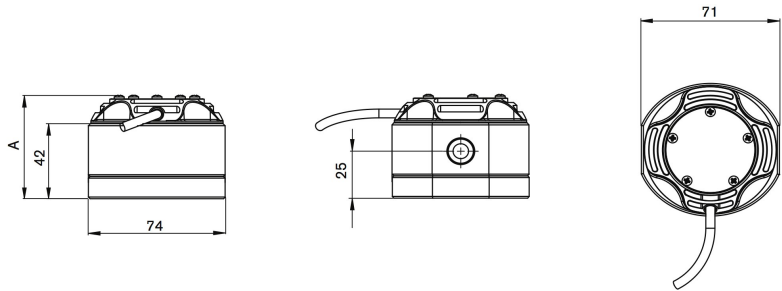
MX09F-2SA			
Material of construction	Meter Body	Aluminium (6061)	
	Rotor	PPS	
	Seals	FKM (Viton)	
	Design Specifications		
Process Connections		1/4" NPT Thread	
Technical Specifications		min	max
	Flow rate	25	500
	< 5cPr	6.60	132.09
	> 5cP	15	500
		3.96	132.09
	Non lubricating fluids	-	500
		-	132.09
	Operating Temperature Range**	-40	80
		-40	176
	Accuracy ($\pm\%$)	$\pm 0.5\%$	
	Repeatability ($\pm\%$)	$\pm 0.03\%$	
	Nominal K-Factor	400 Pulses/Litre	
		1,514.58 Pulses/Gallon	

OUTPUT TYPE



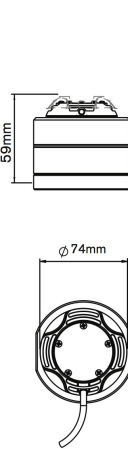
STANDARD PULSE

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	×

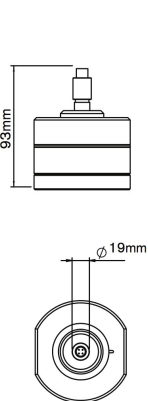


PULSER AND DISPLAY HEIGHT - A

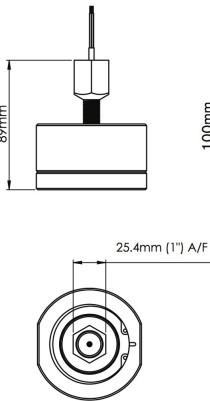
OUTPUT A,I,J,K
PULSER - Standard



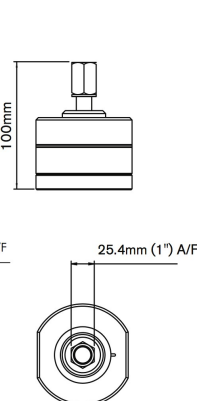
OUTPUT B
PULSER - Exia



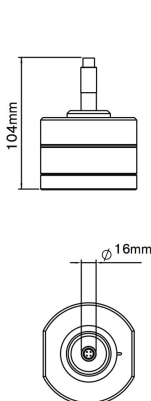
OUTPUT C
PULSER - EXd



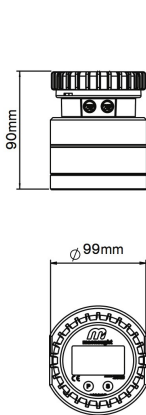
OUTPUT N
PULSER - Exia



OUTPUT T
PULSER - High Temp.



OUTPUT D,E
DISPLAY - LCD 12mm



OUTPUT F,G,H DISPLAY
- LCD 17mm

