

PRODUCT DATA SHEET

MX09P-1VD - 1/4" DIGITAL FLOW METER WITH PR DISPLAY

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:

- Stainless Steel (316) construction
- FEP Encapsulated 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 150 °C / 302 °F
- 1 point factory calibration as standard, with additional points upon request

SPECIFICATIONS



MX09P-1VD

PR Digital Register

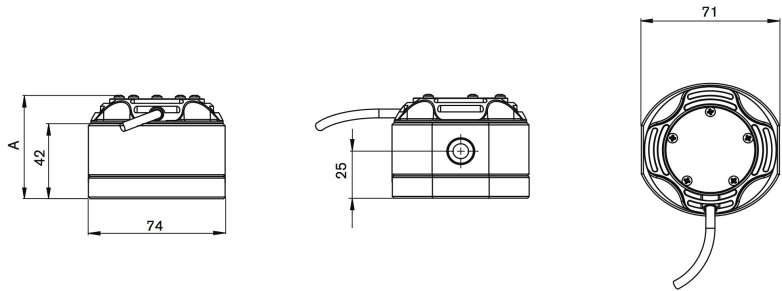
	MX09P-1VD			
Material of construction	Meter Body	Stainless Steel (316)		
	Rotor	Stainless Steel (316)		
	Seals	FEP Encapsulated		
Design Specifications				
Process Connections	1/4" G Thread			
Technical Specifications		min	max	
	Flow rate < 5cPr > 5cP	25	500	L/hr
		6.60	132.09	GPH
		15	500	L/hr
		3.96	132.09	GPH
	Non lubricating fluids	-	500	L/hr
		-	132.09	GPH
	Operating Temperature Range**	-40	150	°C
		-40	302	°F
	Accuracy (±%)	±0.5%		
	Repeatability (±%)	±0.03%		
	Nominal K-Factor	400 Pulses/Litre		
		1,514.58 Pulses/Gallon		

OUTPUT TYPE



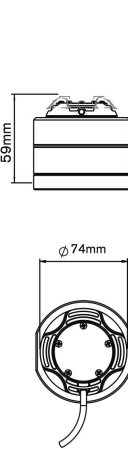
PR DISPLAY

PR [LCD 12mm display]	
Construction	Polypropylene
IP Rating	IP67
Temp	Min: -20 Max: 60 °C Min: -4 Max: 140 °F
EX Approvals	- Please refer to instruction manual and certification documentation for product appropriate certification information
Display	12mm/8mm
Digit size (upper/lower)	✓
Accumulated total	✓
Resettable total	✓
Preset total	✗
Flow rate	✓
Outputs	
4-20 mA (passive)	✗
Pulse/Transistor Output	✗
Flow Alarm	✗
Batch Control output	✗

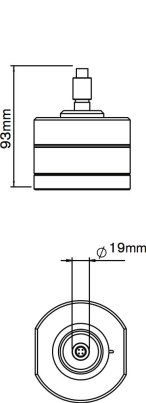


PULSER AND DISPLAY HEIGHT - A

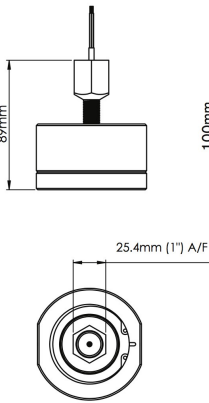
OUTPUT A,I,J,K
PULSER - Standard



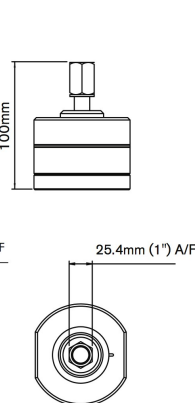
OUTPUT B
PULSER - Exia



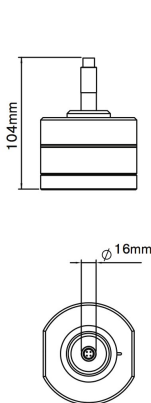
OUTPUT C
PULSER - EXd



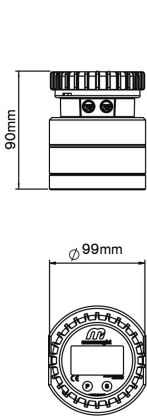
OUTPUT N
PULSER - Exia



OUTPUT T
PULSER - High Temp.



OUTPUT D,E
DISPLAY - LCD 12mm



OUTPUT F,G,H DISPLAY
- LCD 17mm

