

PRODUCT DATA SHEET

MX50P-5VG - 2" DIGITAL FLOW METER WITH ERA DISPLAY

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 150 °C / 302 °F
- 1 point factory calibration as standard, with additional points upon request

SPECIFICATIONS

ERA Digital Register



MX50P-5VG

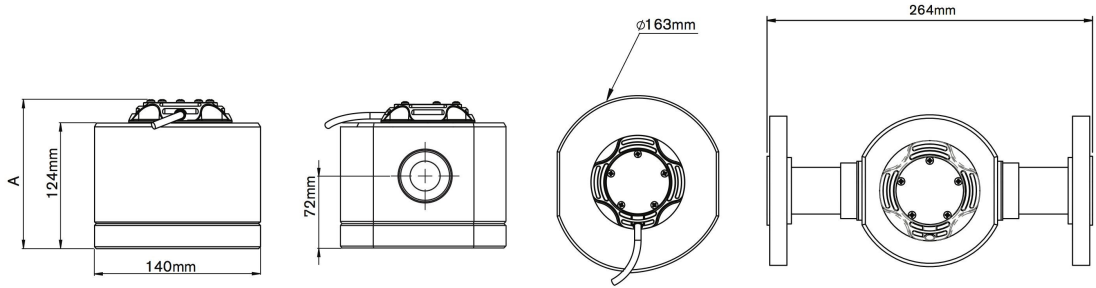
	MX50P-5VG		
Material of construction			
Meter Body	Stainless Steel (316)		
Rotor	Stainless Steel (316)		
Seals	FEP Encapsulated		
Design Specifications			
Process Connections	2" DIN PN16 Flange		
Technical Specifications	min	max	
Flow rate < 5cPr	15	500	L/min
	3.96	132.09	GPM
> 5cP	15	500	L/min
	3.96	132.09	GPM
Non lubricating fluids	-	500	L/min
	-	132.09	GPM
Operating Temperature Range**	-40	150	°C
	-40	302	°F
Accuracy (±%)	±0.5%		
Repeatability (±%)	±0.03%		
Nominal K-Factor	6.7 Pulses/Litre		
	25.37 Pulses/Gallon		

OUTPUT TYPE



ERA DISPLAY

ERA [LCD 17mm display]	
Construction	Aluminium
IP Rating	IP67
Temp	Min: -40 Max: 80 °C Min: -40 Max: 176 °F
EX Approvals	- Please refer to instruction manual and certification documentation for product appropriate certification information
Display	
Digit size (upper/lower)	17mm/8mm
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
