

PRODUCT DATA SHEET

MX50F-4SD - 2" DIGITAL FLOW METER WITH PR 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:

- 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-4SD

PR Digital Register

	MX50F-4SD		
Material of construction			
Meter Body	Aluminium (6061)		
Rotor	PPS		
Seals	FKM (Viton)		
Design Specifications			
Process Connections	2" JIS 10K 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		

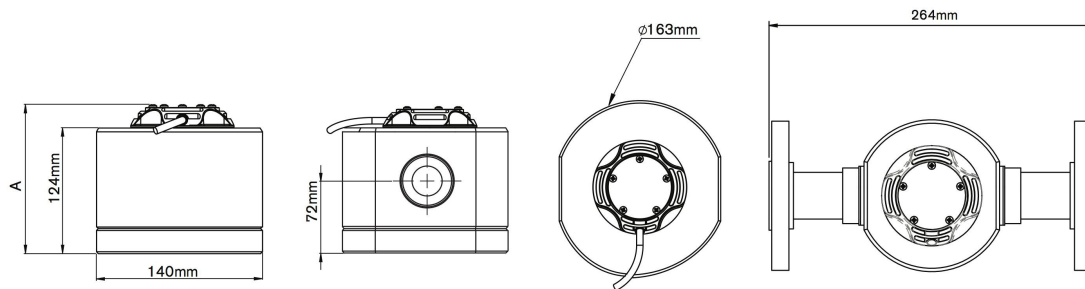
OUTPUT TYPE



PR DISPLAY

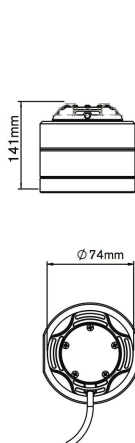
PR [LCD 12mm display]	
Construction	Polypropylene
IP Rating	IP67
Temp	Min: -20 Max: 60 °C Min: -4 Max: 140 °F
EX Approvals	- Please refer to instruction manual and certification documentation for product appropriate certification information
Display	
Digit size (upper/lower)	12mm/8mm
Accumulated total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

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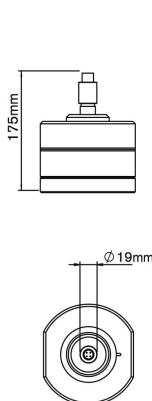


PULSER AND DISPLAY HEIGHT - A

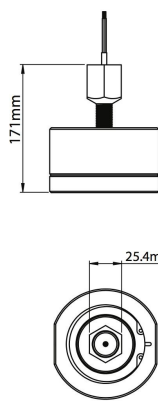
OUTPUT A,I,J,K
PULSER - Standard



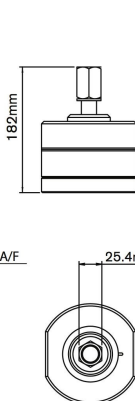
OUTPUT B
PULSER - Exia



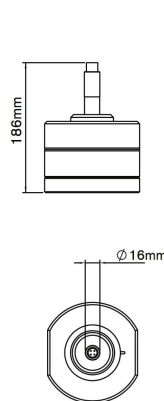
OUTPUT C
PULSER - EXd



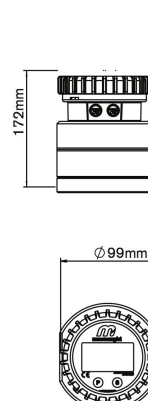
OUTPUT N
PULSER - Exia



OUTPUT T
PULSER - High Temp.



OUTPUT D,E
DISPLAY - LCD 12mm



OUTPUT F,G,H DISPLAY
- LCD 17mm

