PRODUCT DATA SHEET

macnaught

MX50P-1HD - 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 ±±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 ±±0.5% of reading
- Exceptional repeatability of ±±0.03%
- Temperature up to 80 °C / 176 °F
- 1 point factory calibration as standard, with additional points upon request

SPECIFICATIONS

MX50P-1HD

	MX50P-1HD		
Material of construction			
Meter Body	Stainless Steel (316)		
Rotor	PPS		
Seals	FEP Encapsulated		
Design Specifications			
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 (±%)	±0.5%		
Repeatability (±%)	±0.03%		
Nominal K-Factor	6.7 Pulses/Litre		
	25.37 Pulses/Gallon		

OUTPUT TYPE

PR DISPLAY

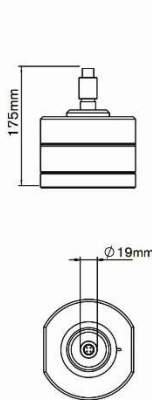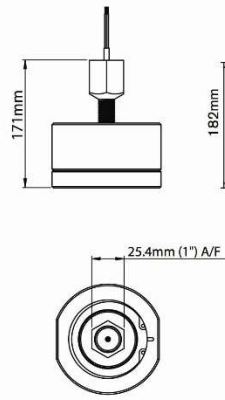|	PR [LCD 12mm display]
Construction	Polypropylene
IP Rating	IP67
Temp	Min: -20 Max: 60 °C Min: -4 Max: 140 °F
EX Approvals	- Please refer to instruction manual and certification documentation for product appropriate certification information
Display	
Digit size (upper/lower)	12mm/8mm
Accumulated total	✔
Resettable total	✔
Preset total	✘
Flow rate	✔
Outputs	
4-20 mA (passive)	✘
Pulse/Transistor Output	✘
Flow Alarm	✘
Batch Control output	✘
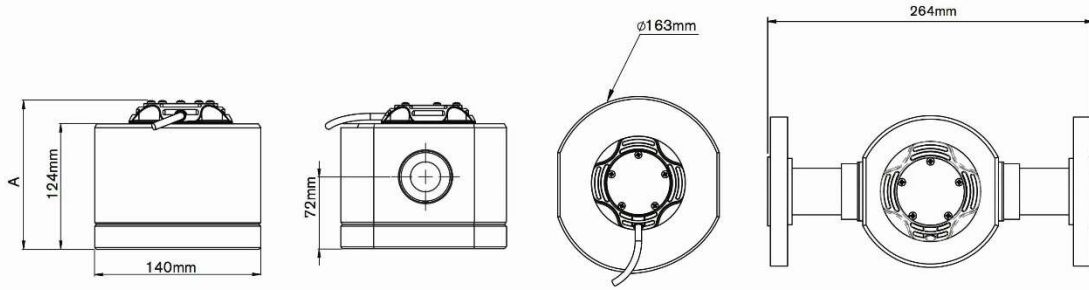
PULSER AND DISPLAY HEIGHT - A
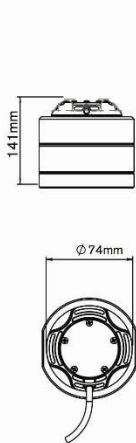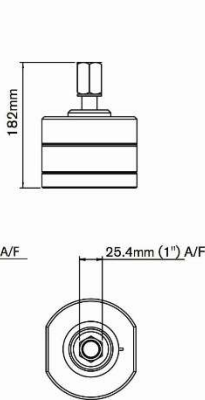
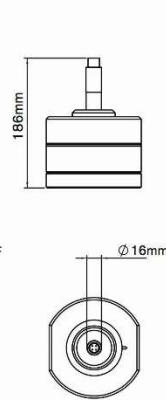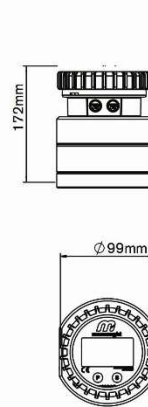| OUTPUT A,I,J,K PULSER - Standard | OUTPUT B PULSER - Exia | OUTPUT C PULSER - EXd | OUTPUT N PULSER - Exia | OUTPUT T PULSER - High Temp. | OUTPUT D,E DISPLAY - LCD 12mm | OUTPUT F,G,H DISPLAY - LCD 17mm |