

PRODUCT DATA SHEET

M012-1S4 - 1/2" MECHANICAL FLOWMETER WITH HEAVY DUTY MECHANICAL DISPLAY

The M Series 1/2" MECHANICAL FLOWMETER are suitable for flows between 2 – 30 L/min (0.53 - 7.93 GPM), providing highly accurate flow measurement performance. The M Series offers $\pm 1.00\%$ accuracy of true reading in a compact footprint, requiring no flow conditioning and with high pressure and temperature capabilities.

Key features include:

- Cast Stainless Steel construction
- FEP Encapsulated seals
- Maximum flow rate 30 L/min / 7.93 GPM
- Accuracy of $\pm 1.00\%$ 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



M012-1S4

	M012-1S4			
Material of construction	Meter Body	Cast Stainless Steel		
	Rotor	PPS		
	Seals	FEP Encapsulated		
Design Specifications				
Process Connections		1/2" G Thread [w/ litresmech display]		
Technical Specifications		min	max	
	Flow rate	3	25	L/min
		< 5cPr	0.79	6.60
	> 5cP	2	30	L/min
			0.53	7.93
	Non lubricating fluids	-	30	L/min
			-	7.93
	Operating Temperature Range**	-40	80	°C
		-40	176	°F
	Accuracy (±%)	1.00%		
Repeatability (±%)	0.03%			
Nominal K-Factor	- Pulses/Litre			
	- Pulses/Gallon			

OUTPUT TYPE

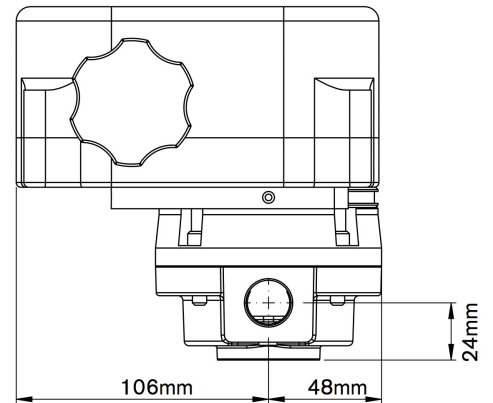
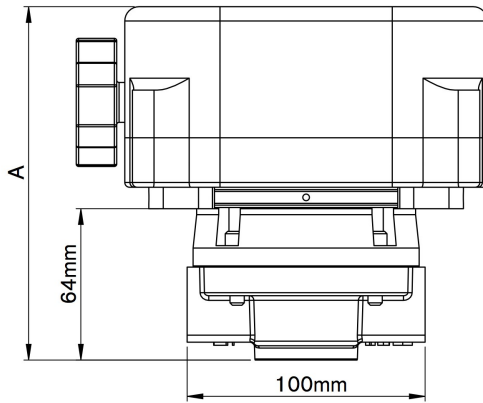


HEAVY DUTY MECHANICAL DISPLAY

Heavy Duty Mechanical	
Construction	Aluminium
IP Rating	IP67
Temp	Min: - Max: - °C Min: - Max: - °F
EX Approvals	- Please refer to instruction manual and certification documentation for product appropriate certification information
Display	
Digit size (upper/lower)	17mm/6mm
Accumulated total	✓
Resettable total	✓
Preset total	✗
Flow rate	✗
Outputs	
4-20 mA (passive)	✗
Pulse/Transistor Output	✗
Flow Alarm	✗
Batch Control output	✗

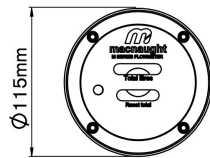
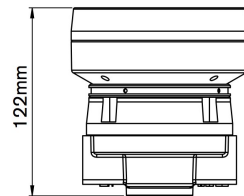
PRODUCT DATA SHEET

F012-1S4
M012-1S4
S012-1S4



DISPLAY HEIGHT - A

TYPE 3
MECHANICAL REGISTER - STANDARD



TYPE 4
MECHANICAL REGISTER - HEAVY DUTY

