

INTRINSICALLY SAFE (Ex ia) NON-POWERED DISPLAYS FOR HAZARDOUS AREA NOW AVAILABLE IN MX-SERIES





The Macnaught MX range of flowmeters is available with an Intrinsically Safe battery operated digital register with a 17mm LCD display, providing real-time indication of Flow rate, total (resettable) and accumulated total (non-resettable). This display is IECEx, ATEX, CSA Canada and FM USA certified. Locally mounted to Macnaught Oval Gear flowmeter with a Simple Apparatus PCB, the flowmeter with Simple apparatus PCB and Intrinsically Safe display is IP67 rated. No power is required for operation.

Specifications & Features

Our **MX-SERIES** flow meters with Safe Simple apparatus features:

- Battery Operated Digital Display
- Pressure Ratings Up To 2000psi/138 Bar
- 316SS or 6061 Anodized Aluminum Body
- PEEK, 316SS, or Aluminum Rotor Construction
- FEP Body Seals
- No Power Required
- Flow Rates Up to 317 GPM
- Accuracy of ±0.5% of reading, and ±0.03% repeatability.
- Password Protected Display
- No Outputs
- Temperatures From -40°C To 70°C / -40°F To 158°F

	MX PORT SIZE / FLOW		
	06	1/4"	.13 - 26 GPH
	09	1/4"	4 - 262 GPH
	12	1/2"	.5 - 12 GPM
*	19	3/4"	.8 - 21 GPM
1X25	25	1"	1.6 - 42 GPM
	40	1 1/2"	2.6 - 92 GPM
	50	2"	4 - 200 GPM
	75	3"	5 - 317 GPM
	100	4"	31.7 - 317 GPM
	EXD MATERIALS OF CONSTRUCTION CATEGORY (METER/ROTOR/SEAL)		
•	"P"	SS/SS/F	EP MX06-MX50
P/S	"S"	AL/SS/FEP MX06-MX100*	
₩		PORT CONNEC	TION
2	1	G	
	2		NPT
	3	AN	ISI 150
	4	JI.	S 10K
	5	DIN PN16	
	ROTOR		
*	Т	Stainless Steel - "P" MOC	
'/S/P	S	Stainless Steel - "S" MOC	
	Р	PEEK - "S" or "P" MOC	
	DISPLAY		
►Fx	Fx	Safe Simple Apparatus (Ex ia)	

^{*} Optional 4-20mA output version available (Gx display)









