

# 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

### MX25P-2TFx

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
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/FEP MX06-MX50
"S"	AL/SS/FEP MX06-MX100*

PORT CONNECTION	
1	G
2	NPT
3	ANSI 150
4	JIS 10K
5	DIN PN16

ROTOR	
T	Stainless Steel - "P" MOC
S	Stainless Steel - "S" MOC
P	PEEK - "S" or "P" MOC

DISPLAY	
Fx	Safe Simple Apparatus (Ex ia)

MX25P-2TFx = 1" NPT SS Body/SS Rotors/ FEP/Ex ia  
\* MX40-MX100S are AL/AL/FEP

\* Optional 4-20mA output version available (Gx display)

