



Fuel & Oil

## MX OVAL GEAR FLOW METER SERIES

Item code: **MACNAUGHT-MXSERIES**

Oval Gear Flow Meter Range designed for the measurement of Fuels and Oils. Using proven technology and a revolutionary modular design, this is the most advanced oval gear flow meter available.

Thanks to our new compact design and versatile M-Lock Mounting system, the pulsers and displays for the MX Series™ can be installed or exchanged in less than 15 seconds without a single tool required.

More durable means more reliable. The MX Series™ is machined from solid Billet (not cast like previous models) which means it's now much more resistant to wear and tear, as well as more corrosion resistant.

The MX Series™ high working pressure rating of 2000 PSI is more than double that of previous models, with a 25% increase in temperature rating up to 150°C. This is quite simply, the most durable oval gear flow meter ever built.


The MX Series™ comes in a wide variety of electronic displays and blind pulse outputs, and is designed in such a way that every pulser fits every meter. The modular process connections provide a large degree of versatility, allowing users to easily interchange, maintain and upgrade their systems in the most efficient manner.

### FEATURES:

- Available with BSP, NPT, DIN, JIS or ANSI process connections.
- Body: Aluminium.
- Rotors: PPS 1/4" to 2" / Aluminium 3" and 4".
- Shaft: 316 Stainless Steel.
- Seals: Viton.
- Temperatures: up to 80°C.
- Accuracy: +/- 0.5%.



## PRODUCT RANGE:

	Code	Size	Flow Range		PSI Rated
			Litres	USG	
	MX25-06	1/4"	0.5 - 100 LPH	0.13 - 26.4 GPH	1000
	MX25-09	1/4"	15 - 500 LPH	4 - 132 GPH	1000
	MX25-12	1/2"	2 - 30 LPM	0.5 - 8 GPM	2000
	MX25-19	3/4"	3 - 80 LPM	0.8 - 21 GPM	2000
	MX25-25	1"	6 - 120 LPM	1.6 - 32 GPM	2000
	MX25-40	1.5"	10 - 250 LPM	2.64 - 66 GPM	1200
	MX25-50	2"	15 - 500 LPM	4 - 130 GPM	1000
	MX25-75	3"	20 - 733 LPM	5 - 194 GPM	175
	MX25-100	4"	120 - 1200 LPM	31.7 - 317 GPM	175

## CONNECTION OPTIONS:

- 1 – BSP Female – 1/4" to 2"
- 1 – BSP Female – 3" to 4"
- 2 – NPT Female – 1/4" to 2"
- 2 – NPT Female – 3" to 4"
- 3 – ANSI 150# Flanged – 1"
- 3 – ANSI 150# Flanged – 1.5"
- 3 – ANSI 150# Flanged – 2"
- 3 – ANSI 150# Flanged – 3" or 4"
- 4 – JIS 10K Flanged – 1"
- 4 – JIS 10K Flanged – 1.5"
- 4 – JIS 10K Flanged – 2"
- 4 – JIS 10K Flanged – 3" or 4"
- 5 – DIN PN16 Flanged – 1"
- 5 – DIN PN16 Flanged – 1.5"
- 5 – DIN PN16 Flanged – 2"
- 5 – DIN PN16 Flanged – 3" or 4"

## OUTPUT OPTIONS:

- A – Standard – Pulse 1 x Reed / 1 x Hall
- D – PR – 12mm LCD display, Max. Temp. 60°C
- E – PRA – 12mm LCD display with outputs, Max. Temp. 60°C
- F – ER – 17mm LCD display, Max. Temp. 80°C
- G – ERA – 17mm LCD display with outputs, Max. Temp. 80°C
- H – ERB – 17mm LCD display. Batch Control, Max. Temp. 80°C