

Macnaught Flow Measurement

Technical Specification Sheet

Meter Model Number

M012-1T1

Port Size- 1/2"

Port Thread- BSP (Rp)

Min Max

<u>Flow Range-</u>	Litres/Min	< 5 cPs	3 LPM	25 LPM
		> 5 cPs	2 LPM	30 LPM
	USG/Min	< 5 cPs	0.8 GPM	6.6 GPM
		> 5 cPs	0.5 GPM	8 GPM

Body Material- 316SS

Rotor Material- 316SS

Bushing Material- Carbon

Seal Material- FEP (Teflon®)

<u>Pressure-</u>		<u>kPa</u>	<u>BAR</u>	<u>PSI</u>
	Max WP	5500	55	800

<u>Temperature-</u>		<u>°C</u>	<u>°F</u>
	Min	-40	-40
	Max	120	248

<u>K Factor-</u>	Pulses/Litre	112
	Pulses/USG	423.96

Output Type- Reed & Hall Effect

Accuracy- 0.5%

Repeatability- 0.03%

Rotor Type- Hi-Temp. 316 SS



Accessories

Digital Displays & Batch Controllers (Not Available on Mechanical Meters)

	<u>Meter Mounted</u>	<u>R/M Alum.</u>	<u>R/M Plastic</u>
<u>Pulse Cap-</u>	PC012MIN	<u>Housing</u>	<u>Housing</u>
<u>DR-</u>	DR4-1AS	DR-WM	N/A
<u>DRA-</u>	DRA4-1AS	DRA-WM	N/A
<u>ER-</u>	ER-M	ER-RMA	ER-RMP
<u>ERA-</u>	ERA-M	ERA-RMA	ERA-RMP
<u>ERB-</u>	ERB-M	ERB-RMA	ERB-RMP
<u>ERS-</u>	ERS-M	ERS-RMA	ERS-RMP
<u>ERX-</u>	ERX-M	ERX-RMA	ERX-RMP
<u>ERAX-</u>	ERAX-M	ERAX-RMA	ERAX-RMP
<u>ERBX-</u>	ERBX-M	ERBX-RMA	ERBX-RMP

Port Adaptors & Strainer Kits

SS Y-Strainer- YS012-01

- Air/ Eliminator Strainer- N/A
- Ansi 150# Flange Adaptor- N/A
- DIN PN16 Flange Adaptor- N/A
- JIS 10k Flange Adaptor- N/A
- BSP (Rc) Thread Adaptor- N/A
- NPT Thread Adaptor- N/A

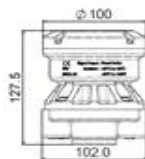
Port Adaptor Kits Include O-rings and Bolts

Dimensional Drawing

All 012 Models – with Digital and Mechanical Registers



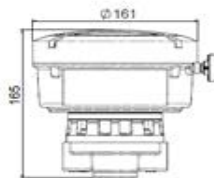
ER register



DR register



M Register



MR register