

## Macnaught Flow Measurement

### Technical Specification Sheet

**Meter Model Number**

**M012-1S3**

**Port Size-** 1/2"

**Port Thread-** BSP (Rp)

Min                      Max

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

**Body Material-** 316SS

**Rotor Material-** PPS

**Bushing Material-** N/A

**Seal Material-** FEP (Teflon®)

**Pressure-**

		<u>kPa</u>	<u>BAR</u>	<u>PSI</u>
Max WP		<b>3400</b>	<b>34</b>	<b>500</b>

**Temperature-**

		<u>°C</u>	<u>°F</u>
Min		<b>-40</b>	<b>-40</b>
Max		<b>80</b>	<b>176</b>

**K Factor-**

Pulses/Litre	<b>0</b>
Pulses/USG	<b>0</b>

**Output Type-** Std. Mechanical Register

**Accuracy-** 1.0%

**Repeatability-** 0.03%

**Rotor Type-** Std.



### Accessories

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

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

