

Macnought Flow Measurement

Technical Specification Sheet

Meter Model Number

F012-1S1

Port Size- 1/2"

Port Thread- BSP (Rp)

Min

Max

3 LPM

25 LPM

2 LPM

30 LPM

0.8 GPM

6.6 GPM

0.5 GPM

8 GPM

Body Material-

Aluminium

Rotor Material-

PPS

Bushing Material-

N/A

Seal Material-

FKM (Viton®)

Flow Range-

Litres/Min

< 5 cPs

> 5 cPs

USG/Min

< 5 cPs

> 5 cPs

Pressure-

Max WP

kPa

5500

BAR

55

PSI

800

Temperature-

Min

°C

-40

°F

-40

Max

80

176

K Factor-

Pulses/Litre

112

Pulses/USG

423.96

Output Type-

Reed & Hall Effect

Accuracy-

0.5%

Repeatability-

0.03%

Rotor Type-

Std.



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>	PC012MFS	<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

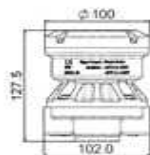
Port Adaptor Kits Include O-rings and Bolts

Dimensional Drawing

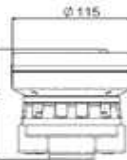
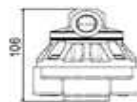
All 012 Models – with Digital and Mechanical Registers



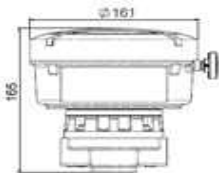
ER register



DR register



M Register



MR register