

Macnaught Flow Measurement

Technical Specification Sheet

Meter Model Number

F019-1S1

Port Size- 3/4"

Port Thread- BSP (Rp)

Min Max

8 LPM 70 LPM

3 LPM 80 LPM

2 GPM 18.5 GPM

0.8 GPM 21.0 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

52

Pulses/USG

196.84

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>	PC025MFS	<u>Housing</u>	<u>Housing</u>
<u>DR-</u>	DR10-1AS	DR-WM	N/A
<u>DRA-</u>	DRA10-1AS	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

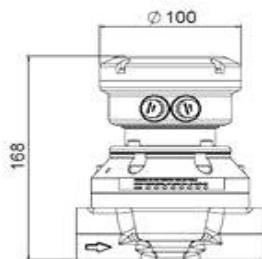
Port Adaptors & Strainer Kits

- SS Y-Strainer- N/A
- 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

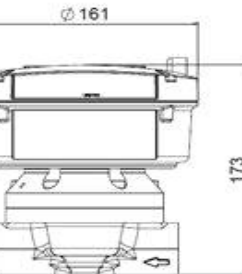
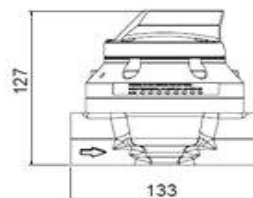
Port Adaptor Kits Include O-rings and Bolts

Dimensional Drawing

All 019 Models – with Digital Registers



DR Register



ER Register