

# Macnaught Flow Measurement

## Technical Specification Sheet

**Meter Model Number**

**F025-1S1**

**Port Size- 1"**

**Port Thread- BSP (Rp)**

	Min	Max
Litres/Min	< 5 cPs	10 LPM
> 5 cPs	6 LPM	120 LPM
USG/Min	< 5 cPs	2.6 GPM
> 5 cPs	1.6 GPM	32 GPM

**Body Material-**

Aluminium

**Rotor Material-**

PPS

**Bushing Material-**

N/A

**Seal Material-**

FKM (Viton®)

**Flow Range-**

Litres/Min	< 5 cPs	10 LPM	100 LPM
> 5 cPs	6 LPM	120 LPM	
USG/Min	< 5 cPs	2.6 GPM	26 GPM
> 5 cPs	1.6 GPM	32 GPM	

**Pressure-**

	kPa	BAR	PSI
Max WP	5500	55	800

**Temperature-**

	°C	°F
Min	-40	-40
Max	80	176

**K Factor-**

Pulses/Litre	36
Pulses/USG	136.27

**Output Type-** Reed & Hall Effect

**Accuracy-**

0.5%

**Repeatability-**

0.03%

**Rotor Type-**

Std.



### Accessories

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

	Meter Mounted	R/M Alum.	R/M Plastic
<b>Pulse Cap-</b>	PC025MFS	<b>Housing</b>	<b>Housing</b>
<b>DR-</b>	DR10-1AS	DR-WM	N/A
<b>DRA-</b>	DRA10-1AS	DRA-WM	N/A
<b>ER-</b>	ER-M	ER-RMA	ER-RMP
<b>ERA-</b>	ERA-M	ERA-RMA	ERA-RMP
<b>ERB-</b>	ERB-M	ERB-RMA	ERB-RMP
<b>ERS-</b>	ERS-M	ERS-RMA	ERS-RMP
<b>ERX-</b>	ERX-M	ERX-RMA	ERX-RMP
<b>ERAX-</b>	ERAX-M	ERAX-RMA	ERAX-RMP
<b>ERBX-</b>	ERBX-M	ERBX-RMA	ERBX-RMP

**Port Adaptors & Strainer Kits**

- SS Y-Strainer- YS025-01
- Air/ Eliminator Strainer- BSA-025
- Ansi 150# Flange Adaptor- FKIT-025-FO-AN
- DIN PN16 Flange Adaptor- FKIT-025-FO-DN
- JIS 10k Flange Adaptor- FKIT-025-FO-JS
- BSP (Rc) Thread Adaptor- FKIT-025-FO-RC
- NPT Thread Adaptor- N/A

*Port Adaptor Kits Include O-rings and Bolts*

### Dimensional Drawing

**All Models O25 except CR/CK – with Digital Register**

	ALL FLANGED CONFIGURATIONS		ANSI		DIN		JIS		BSP/NPT VERSIONS		BSP		NPT	
	A	SS	B	C	B	C	B	C	A	SS	B	C	B	C
PULSE	280.6	290.6	139	108	139	115	139	125	133	143	139	N/A	139	N/A
DR	280.6	290.6	180	108	180	115	180	125	133	143	180	N/A	180	N/A
ER	280.6	290.6	185	108	185	115	185	125	133	143	185	N/A	185	N/A

