

Macnaught Flow Measurement

Technical Specification Sheet

Meter Model Number

M040-1S1

Port Size- 1½"

Port Thread- BSP (Rp)

| | <u>Min</u> | <u>Max</u> |
|---------|------------|------------|
| < 5 cPs | 15 LPM | 235 LPM |
| > 5 cPs | 10 LPM | 250 LPM |
| < 5 cPs | 4 GPM | 62 GPM |
| > 5 cPs | 2.6 GPM | 66 GPM |

Body Material- 316SS

Rotor Material- PPS

Bushing Material- N/A

Seal Material- FEP (Teflon®)

Flow Range-

Litres/Min
USG/Min

Pressure-

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

Temperature-

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

K Factor-

Pulses/Litre **14.5**
Pulses/USG **54.89**

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> | PC025MIN | <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- YS040-01

Air/ Eliminator Strainer- N/A

Ansi 150# Flange Adaptor- FKIT-040-IN-AN

DIN PN16 Flange Adaptor- FKIT-040-IN-DN

JIS 10k Flange Adaptor- FKIT-040-IN-JS

BSP (Rc) Thread Adaptor- 0

NPT Thread Adaptor- N/A

Port Adaptor Kits Include O-rings and Bolts

Dimensional Drawing

