

MATERIALS:

Housings – Type 1 PVC
Paddle Wheel – HDPE
O-ring – Buna N
Axle – Tungsten Carbide

PLUMBING:

Pipe size – Schedule 40 PVC
Pressure - 240PSI

PHYSICAL

Pipe size – Schedule 40 PVC
Test Pressure – 240 PSI
Temperature: 32 – 140 F (0 – 60 C)

DIMENSIONS:

1" - 5.75 x 4.5 x 2.4"
1.5" - 6.25 x 5.25 x 2.4"
2" - 7.11 x 5.75 x 3"
3" - 5.0 x 5.5 x 6.5"
4" - 5.0 x 6.5 x 7.5"
Clearance for sensor removal: 3.5"

ELECTRICAL:

Power: 5 – 24V @ 500 uA max
Output signal: Pull-to-ground (+V – 0V)
Pulse width: ~5mS
Frequency: .3 – 200 Hz

CHARACTERISTICS:

Pipe Size	1"	1.5"	2"	3"	4"
Min Flow (gal/min)	.86	1.8	2.8	6	10
Max Flow (gal/min)	52	108	170	300	480
Press Drop (PSI) @ Max Flow	.25	.18	.15	.12	.10
Scale Factor (gal/pulse)	.0057	.0121	.0209	.0490	.0790