

# STAINLESS STEEL INLINE FLOW METERS



## 1.5" METER

V3040  
V3040-15  
V3040BSPT  
V3040BSPT-15



## 2" METER

V3094  
V3094-15  
V3094BSPT  
V3094BSPT-15



## 3" METER

V3095  
V3095-15  
V3095BSPT  
V3095BSPT-15

### Connections:

1.5" Male x Female NPT or BSPT	2" Male x Female NPT or BSPT	3" Male x Female NPT or BSPT
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### Service Flow Range:

0.5 to 75 gpm 2.0 to 284 lpm at $\pm 5\%$ Meter Accuracy	1.5 to 150 gpm 5.7 to 568 lpm at $\pm 5\%$ Meter Accuracy	3.5 to 350 gpm 13.0 to 1,325 lpm at $\pm 5\%$ Meter Accuracy
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### Features:

- 316 stainless steel material body
- Electro polished; improving corrosion resistance, leaving a lasting bright finish
- Flow straightener design eliminates minimum pipe length before and after meter
- Inline meter suited for residential, commercial, and industrial applications
- Reliable and proven clipped turbine design
- 28" or 15' cable lengths available



Certified to NSF/ANSI/CAN 61 and NSF/ANSI/CAN 372.

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## SPECIFICATIONS:

MEASUREMENT	IMPERIAL	METRIC
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### Meter Pulses

1.5 Inline	37 Pulses/Gallon	9.8 Pulses/Liter
2.0 Inline	20 Pulses/Gallon	5.3 Pulses/Liter
3.0 Inline	8 Pulses/Gallon	2.1 Pulses/Liter

### Meter Accuracy

1.5 Inline	0.50 – 75 gpm ± 5%	1.90 – 284 lpm ± 5%
2.0 Inline	1.50 – 150 gpm ± 5%	5.68 – 568 lpm ± 5%
3.0 Inline	3.50 – 350 gpm ± 5%	13.25 – 1325 lpm ± 5%

NOTE: Not all flow monitors will register accurately at the specified specs above. Contact your monitor manufacturer for limitations.

### Pressure Drop

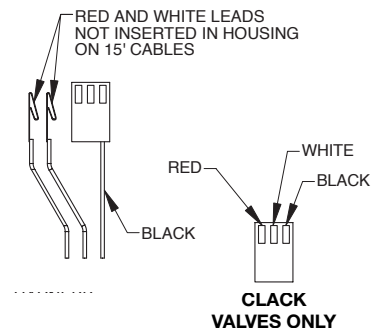
1.5 Inline	2.7 PSID @ 75 gpm	0.19 bar ΔP @ 284 lpm
2.0 Inline	3.6 PSID @ 150 gpm	0.25 bar ΔP @ 568 lpm
3.0 Inline	7.3 PSID @ 350 gpm	0.50 bar ΔP @ 1325lpm

<b>Operating Pressure:</b>	20 – 125 PSI	1.4 – 8.6 bar
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<b>Operating Temperature:</b>	40° – 110° F	4° – 43° C
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## METER WIRING

Wire Gauge:	22
Red:	Positive
Black:	Negative
White:	Signal (Meter Output)
Voltage Requirement:	4 – 24 VDC
Output Signal:	0.4 Hz – 47.5 Hz
Terminals:	Molex 41572 or 40445
Housing:	Molex 22-01-3037 (Series 2695 White Housing)



NOTE: When connecting to other manufacturers control valves, contact your O.E.M. for proper wiring instructions.

## WARNING:

### USE ONLY SILICONE BASED LUBRICANTS ON ALL CLACK COMPONENTS

HYDROCARBONS WILL DAMAGE COMPONENTS THAT CONTAIN O-RINGS AND OR PLASTIC. THIS CAN CAUSE LEAKS OR BREAKAGE. DO NOT USE LUBRICANTS THAT CONTAIN HYDROCARBONS SUCH AS VASELINE®/PETROLEUM JELLY, WD-40®, ETC. DO NOT USE CLACK CONTROL VALVE PRODUCTS ON WATER SUPPLIES THAT CONTAIN HYDROCARBONS, SUCH AS BENZENE, GASOLINE, KEROSENE, ETC.

## CAUTION:

### THIS WATER METER SHOULD NOT BE USED AS THE PRIMARY MONITORING DEVICE FOR CRITICAL OR HEALTH EFFECT APPLICATIONS