



All 316L stainless steel construction makes this meter suitable for low-flow, high-pressure application.

DESCRIPTION

Metering Tube

316L Stainless Steel

Internal Components

316L Stainless Steel or
Hastelloy® C-276

Inlet/Outlet Fittings

1/4" FNPT, Horizontal;
Control Valve Optional

Fitting Material

316L Stainless Steel

Connection Type

1/4" FNPT

Elastomers (valve meters only)

Standard: Viton®
Optional: Buna N, EPR, and Kalrez®

Case and Side Cover

Die Cast Aluminum

PERFORMANCE

Capacities

0.60 to 25 GPH – Water
1 to 120 SCFH – Air
2.4 to 95 LPH – Water
28.3 to 3,400 SLPH – Air

Scale

60 mm (2") Direct reading

Accuracy

± 5% of Full Scale Flow

Turndown

10:1 unless otherwise indicated

Repeatability

1 %

Max Temperature

O-ring Material	Max Temperature
EPR	300° F (149° C)
Buna N	275° F (135° C)
Viton	350° F (177° C)
Kalrez	400° F (204° C)
No O-ring	400° F (204° C)

Max Pressure

Valve models — 1,500 psig
Non-valve models — 4,000 psig

Ambient Temperature

-40° F to 125° F (-40° C to 52° C)

OPTIONS

Alarm

Single, Inductive Slot Sensor

Certified Calibrations

Conform to ISA RP 16.6

Scales

Can be produced in any volumetric unit

Rear Mounting Bracket

304 Stainless Steel

SPECIFICATIONS:

Order Number	Water GPH	Water LPH
02W	.6	2.4
04W	1.2	4.5
06W	2.8	10.5
08W	5.5	20
10W	12	45
12W	25	95

Order Number	Air SCFH	Air SLPH
00A	1.0	28.3
01A	2.5	70
03A	5.5	155
05A	13	360
07A	24	680
09A	55	1550
11A	120	3400

ORDERING:

Use the following guide to determine the specific product number you require.

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Meter Series	Material of Construction		O-ring Material	Scale	Valve Options	Optional Alarm	Order Number	
	316L SS - 1		No O-ring - 0	Millimeter - 1	Inlet 316L SS - 1	No Alarm - 0	See Specification	
	HST® C-276 - 2		EPR - 1	GPH Water - 2	Outlet 316L SS - 2	With Alarm - A	Table Above	
			Buna-N - 2	LPH Water - 3	No Valve - 3			
			Viton® - 3	SCFH Air@STP - 4	Inlet HST® C-276 - 4			
			Kalrez® - 4	SLPH Air@STP - 5	Outlet HST® C-276 - 5			
				Non standard - 6				

* The No O-ring option is for non-valve meters only

ALARM OPTIONS:

Inductive Slot Sensor

The alarm mechanism in this flowmeter is an inductive slot sensor. It is a 2-wire, DC, low current device. It is designed to be used with a switch isolator/barrier.

Note: We can supply switch isolator/barriers upon request. User must provide power supply voltage.

