



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

DESCRIPTION

- Metering Tube**
316L SS
- Internal Components**
316L SS, Hastelloy® C-276
- Case and Side Cover**
Die-cast Aluminum / Powder Coated with Chemfilm base (RoHS Compliant)
- Fitting Material / Type**
316L SS
¼" FNPT, horizontal
- Scale Cover**
304 SS frame
Annealed glass window
- O-Ring**
EPR, Buna N, Kalrez®

PERFORMANCE

- Flow Capacities**
Water 0.6 to 25 GPH
(2.4 to 95 LPH)
Air 1 to 120 SCFH
(28.3 to 3,400 SLPH)

- Flange Connection Pressure**

Temp F	150#	300#
200°	225 psi	600 psi
300°	200 psi	540 psi
400°	180 psi	515 psi

- Accuracy**
± 5% of full scale flow

- Ambient Temperature**
-40° F to 125° F (-40° C to 52° C)

- Repeatability**
1%

OPTIONS

- Turndown**
10:1

- Alarm**
Single, Inductive Slot Sensor

- Ambient Temperature**
-40°F to 125°F (-40°C to 52°C)

- Certified Calibrations**
ISA RP 16.6

Maximum Temperature

- Control Valves**
Inlet and outlet

- | O-Ring | Maximum 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) |

- CRNs**
All Canadian provinces (Flange connections are not CRN approved)

- Rear Mounting Bracket**
304 SS

- FNPT Connection Pressure**
Valve models — 1,500 psig
Non-valve models — 4,000 psig

- Scales**
Any volumetric unit

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

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.

ORDERING:

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

Meter Series	Material of Construction	O-Ring Material	Scale	Valve Options	Optional Alarm	Order Number
7	1	0				
	316L SS, ¼" FNPT - 1	No O-ring* - 0	Millimeter - 1	Inlet 316L SS - 1	No Alarm - 0	See Specifications above
	HST® C-276, ¼" FNPT - 2	EPR - 1	GPH Water - 2	Outlet 316L SS - 2	With Alarm - A	
	316L SS, ½" 150# RF Welded - A	Buna-N - 2	LPH Water - 3	No Valve - 3		
	316L SS, 1" 150# RF Welded - B	Viton® - 3	SCFH Air@STP - 4	Inlet HST® C-276 - 4		
	316L SS, ½" 300# RF Welded - C	Kalrez® - 4	SLPH Air@STP - 5	Outlet HST® C-276 - 5		
	316L SS, 1" 300# RF Welded - D		Non standard - 6			
	316L SS, ½" 150# RF Quick Connect - E					
	316L SS, 1" 150# RF Quick Connect - F					
	316L SS, ½" 300# RF Quick Connect - G					
	316L SS, 1" 300# RF Quick Connect - H					

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