



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)
- Accuracy**  
± 5% of full scale flow
- Repeatability**  
1%
- Turndown**  
10:1
- Ambient Temperature**  
-40°F to 125°F (-40°C to 52°C)
- Maximum Temperature**  
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)
- FNPT Connection Pressure**  
Valve models — 1,500 psig  
Non-valve models — 4,000 psig
- Flange Connection Pressure**  
Temp F 150# 300#  
200° 225 psi 600 psi  
300° 200 psi 540 psi  
400° 180 psi 515 psi
- Ambient Temperature**  
-40° F to 125° F (-40° C to 52° C)

### OPTIONS

- Alarm**  
Single, Inductive Slot Sensor
- Certified Calibrations**  
ISA RP 16.6
- Control Valves**  
Inlet and outlet
- CRNs**  
All Canadian provinces (Flange connections are not CRN approved)
- Rear Mounting Bracket**  
304 SS
- 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	Flange Options
710	316L SS - 1	No O-ring* - 0	Millimeter - 1	Inlet 316L SS - 1	No Alarm - 0	See Specifications	½" 150# RF Welded A
	HST® C-276 - 2	EPR - 1	GPH Water - 2	Outlet 316L SS - 2	With Alarm - A	above	1" 150# RF Welded B
		Buna-N - 2	LPH Water - 3	No Valve - 3			½" 300# RF Welded C
		Viton® - 3	SCFH Air@STP - 4	Inlet HST® C-276 - 4			1" 300# RF Welded D
		Kalrez® - 4	SLPH Air@STP - 5	Outlet HST® C-276 - 5			½" 150# RF Quick Connect E
			Non standard - 6				1" 150# RF Quick Connect F
							½" 300# RF Quick Connect G
							1" 300# RF Quick Connect H

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