

This all 316L stainless steel meter utilizes a float and tapered tube design which offers longer, more linear scales, better pointer stability and 40% greater accuracy than competitively priced products. A 4-20mA transmitter option adds to its versatility.

## New Indicator Housing!



### DESCRIPTION

<b>Metering Tube</b>	316L SS
<b>Internal Components</b>	316L SS
<b>Fitting Material</b>	316L SS
<b>Inlet/Outlet Fittings</b>	316L SS NPT or flange, vertical
<b>O-Ring</b>	Standard: Viton® Optional: Buna N, EPR, Kalrez®
<b>Indicator Housing</b>	Die-cast Aluminum / Powder Coated with Chemfilm base (RoHS Compliant)

### PERFORMANCE

<b>Capacities</b>	Water	33 GPH to 450 GPM
	Air	4 to 100 SCFM
<b>Scale</b>	120 mm direct reading, detachable	
<b>Accuracy</b>	± 3% of full scale flow	
<b>Turndown</b>	10:1	
<b>Repeatability</b>	1 %	
<b>Maximum Temperature</b>	<b>O-Ring Material</b>	<b>Max Temperature</b>
	EPR	225° F (107° C)
	Buna-N	275° F (135° C)
	Viton®	350° F (177° C)
	Kalrez®	400° F (204° C)
<b>Maximum Pressure</b>	NPT fittings 1,500 psi	
	<b>SS flange class</b>	
	<b>Temp F</b>	<b>150#</b> <b>300#</b> <b>600#</b>
	200°	225 psi    600 psi    1,200 psi
	300°	200 psi    540 psi    1,100 psi
	400°	180 psi    515 psi    1,000 psi
<b>Ambient Temperature</b>	-40° F to 400° F (-40° C to 204° C)	

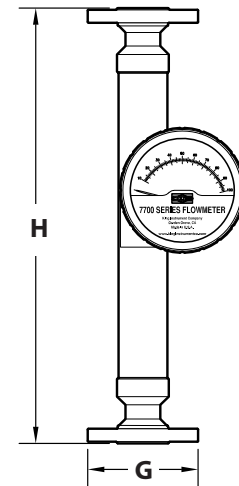
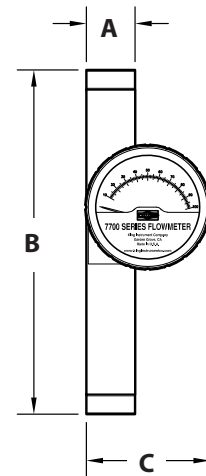
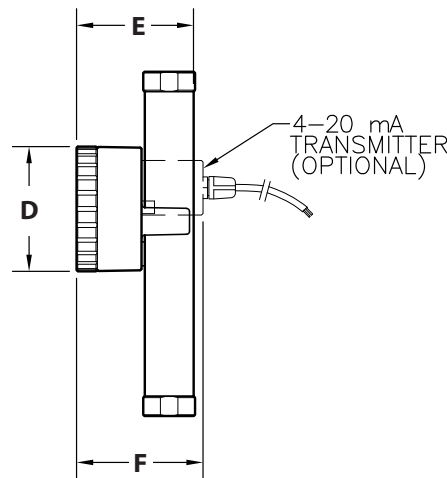
### OPTIONS

<b>Alarm</b>	Single or dual, Inductive Slot Sensor 4-20 mA transmitter (See page 62)
<b>Certified Calibrations</b>	Conform to ISA RP 16.6
<b>CRNs</b>	All Canadian provinces
<b>Scales</b>	Any volumetric unit

## DIMENSION DIAGRAMS

Water Order Number	Full Scale Flow GPM-Water
706	33.0 GPM - 1/2" FNPT
708	1.1 GPM - 1/2" FNPT
710	2.0 GPM - 1/2" FNPT
712	4.0 GPM - 1/2" FNPT
714	6.0 GPM - 1/2" FNPT
716	5.0 GPM - 1" FNPT
718	10.0 GPM - 1" FNPT
720	16.5 GPM - 1" FNPT
722	25.0 GPM - 1" FNPT
724	35.0 GPM - 1 1/2" FNPT
726	60.0 GPM - 1 1/2" FNPT
728	76.0 GPM - 2" FNPT
730	100.0 GPM - 2" FNPT
732	120.0 GPM - 2" FNPT
734	152.0 GPM - 2" FNPT
736	150.0 GPM - 3" FNPT
738	225.0 GPM - 3" FNPT
740	300.0 GPM - 4" FNPT
742	375.0 GPM - 4" FNPT
744	450.0 GPM - 4" FNPT

Air Order Number	Full Scale Flow SCFM - Air
707	4.0 SCFM - 1/2" FNPT
709	8.0 SCFM - 1/2" FNPT
711	16.5 SCFM - 1/2" FNPT
713	24 SCFM - 1/2" FNPT
715	20 SCFM - 1" FNPT
717	42 SCFM - 1" FNPT
719	76 SCFM - 1" FNPT
721	100 SCFM - 1" FNPT



Water Order Number	Dimensions (Inches) FNPT Connections						150 # Flange		300 # Flange	
	A	B	C	D	E	F	G	H	G	H
706 - 714	1.30	11	4.32	4.8	3.92	4.87	3.50	13.125	3.75	13.625
716 - 722	1.88	13.24	4.86	4.8	4.50	4.87	4.25	16.75	4.88	17.500
724 - 726	2.34	13.864	5.24	4.8	4.96	4.87	5.00	18.625	6.12	19.250
728 - 734	3.46	13.875	6.35	4.8	6.08	4.87	6.00	17.156	6.50	17.786
736 - 738	4.46	—	7.26	4.8	7.08	4.87	7.50	17.867	8.25	18.867
740 - 744	5.49	—	8.24	4.8	8.11	4.87	9.00	18.562	10.00	19.696

Air Order Number	Dimensions (Inches) FNPT Connections						150 # Flange		300 # Flange	
	A	B	C	D	E	F	G	H	G	H
707 - 713	1.30	11	4.32	4.8	3.92	4.87	3.50	13.125	3.75	13.625
715-721	1.88	13.24	4.86	4.8	4.50	4.87	4.25	16.75	4.88	17.500

### ORDERING:

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

Meter Series	Connection Type	Float Material	O-Ring Material	Optional Alarm/Transmitter	Order Number
771	FNPT Connections - 1	316L SS - 2	EPR - 1	None - 0	See Specifications
	150# R.F. Flanged - 2		Buna-N - 2	With Transmitter - T	
	300# R.F. Flanged - 3		Viton® - 3	One Alarm (Inductive Slot Sensor) - A	
	600# R.F. Flanged*		Kalrez® - 4	Two Alarms (Inductive Slot Sensors) - D	

\*Call factory for 600# R.F. flange availability