

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

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

PERFORMANCE

Capacities	Water 33 GPH to 450 GPM Air 4 to 100 SCFM																				
Scale	120 mm direct reading, detachable																				
Accuracy	± 3% of full scale flow																				
Turndown	10:1																				
Repeatability	1 %																				
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Ambient Temperature	-40° F to 125° F (-40° C to 52° C)																				

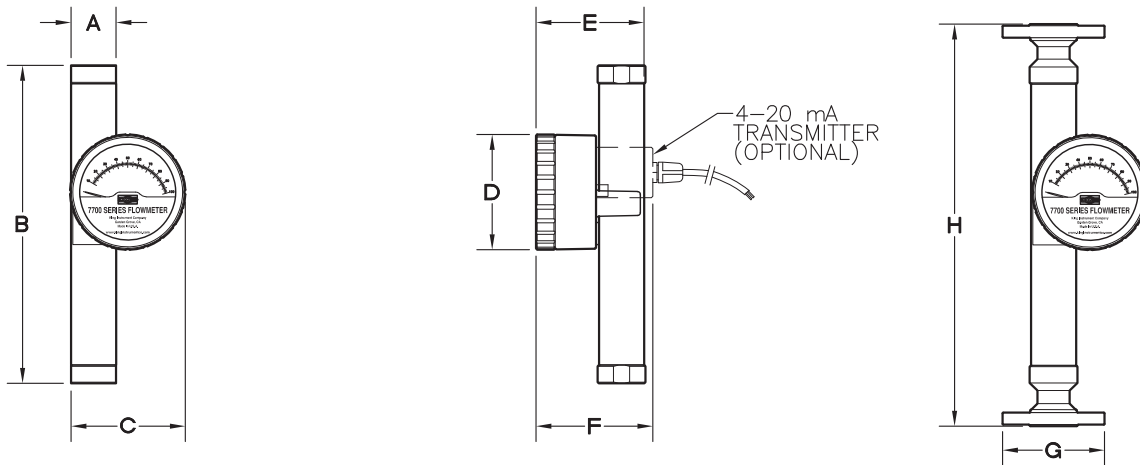
OPTIONS

Alarm	Single or dual, Inductive Slot Sensor 4-20 mA transmitter
Certified Calibrations	Conform to ISA RP 16.6
CRNs	All Canadian provinces
Scales	Any volumetric unit

Order Number	Full Scale Flow GPM-Water	Dimension (Inches) FNPT Connections						150 # Flange		300 # Flange	
		A	B	C	D	E	F	G	H	G	H
706	33.0 GPM – 1/2" FNPT	1.30	11	4.32	4.8	3.92	4.87	3.50	13.125	3.75	13.625
708	1.1 GPM – 1/2" FNPT	1.30	11	4.32	4.8	3.92	4.87	3.50	13.125	3.75	13.625
710	2.0 GPM – 1/2" FNPT	1.30	11	4.32	4.8	3.92	4.87	3.50	13.125	3.75	13.625
712	4.0 GPM – 1/2" FNPT	1.30	11	4.32	4.8	3.92	4.87	3.50	13.125	3.75	13.625
714	6.0 GPM – 1/2" FNPT	1.30	11	4.32	4.8	3.92	4.87	3.50	13.125	3.75	13.625
716	5.0 GPM – 1" FNPT	1.88	13.24	4.86	4.8	4.50	4.87	4.25	16.75	4.88	17.500
718	10.0 GPM – 1" FNPT	1.88	13.24	4.86	4.8	4.50	4.87	4.25	16.75	4.88	17.500
720	16.5 GPM – 1" FNPT	1.88	13.24	4.86	4.8	4.50	4.87	4.25	16.75	4.88	17.500
722	25.0 GPM – 1" FNPT	1.88	13.24	4.86	4.8	4.50	4.87	4.25	16.75	4.88	17.500
724	35.0 GPM – 1 1/2" FNPT	2.34	13.864	5.24	4.8	4.96	4.87	5.00	18.625	6.12	19.250
726	60.0 GPM – 1 1/2" FNPT	2.34	13.864	5.24	4.8	4.96	4.87	5.00	18.625	6.12	19.250
728	76.0 GPM – 2" FNPT	3.46	13.875	6.35	4.8	6.08	4.87	6.00	17.156	6.50	17.786
730	100.0 GPM – 2" FNPT	3.46	13.875	6.35	4.8	6.08	4.87	6.00	17.156	6.50	17.786
732	120.0 GPM – 2" FNPT	3.46	13.875	6.35	4.8	6.08	4.87	6.00	17.156	6.50	17.786
734	152.0 GPM – 2" FNPT	3.46	13.875	6.35	4.8	6.08	4.87	6.00	17.156	6.50	17.786
736	150.0 GPM – 3" Flange	4.46	—	7.26	4.8	7.08	4.87	7.50	17.867	8.25	18.867
738	225.0 GPM – 3" Flange	4.46	—	7.26	4.8	7.08	4.87	7.50	17.867	8.25	18.867
740	300.0 GPM – 4" Flange	5.49	—	8.24	4.8	8.11	4.87	9.00	18.562	10.00	19.696
742	375.0 GPM – 4" Flange	5.49	—	8.24	4.8	8.11	4.87	9.00	18.562	10.00	19.696
744	450.0 GPM – 4" Flange	5.49	—	8.24	4.8	8.11	4.87	9.00	18.562	10.00	19.696

Order Number	Full Scale Flow SCFM - Air	FNPT	Dimension (Inches) FNPT Connections						150 # Flange		300 # Flange	
			A	B	C	D	E	F	G	H	G	H
707	4.0 SCFM	1/2"	1.30	11	4.32	4.8	3.92	4.87	3.50	13.125	3.75	13.625
709	8.0 SCFM	1/2"	1.30	11	4.32	4.8	3.92	4.87	3.50	13.125	3.75	13.625
711	16.5 SCFM	1/2"	1.30	11	4.32	4.8	3.92	4.87	3.50	13.125	3.75	13.625
713	24 SCFM	1/2"	1.30	11	4.32	4.8	3.92	4.87	3.50	13.125	3.75	13.625
715	20 SCFM	1"	1.88	13.24	4.86	4.8	4.50	4.87	4.25	16.75	4.88	17.500
717	42 SCFM	1"	1.88	13.24	4.86	4.8	4.50	4.87	4.25	16.75	4.88	17.500
719	76 SCFM	1"	1.88	13.24	4.86	4.8	4.50	4.87	4.25	16.75	4.88	17.500
721	100 SCFM	1"	1.88	13.24	4.86	4.8	4.50	4.87	4.25	16.75	4.88	17.500

DIMENSION DIAGRAM



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 table
	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