

7610 Series

7610 models features fully enclosed, 127 mm scale, borosilicate glass metering tube with 304 stainless steel case. In-line 316L fittings and internals or PVC fittings with Hastelloy®C-276 internals are suitable for a variety of applications

Description

Metering Tube
Borosilicate Glass

Internal Components
Standard: 316L Stainless Steel
Optional: Hastelloy®C-276

Inlet/Outlet Fittings
NPT, Vertical

Fitting Material
Standard: 316L Stainless Steel
Optional: PVC

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

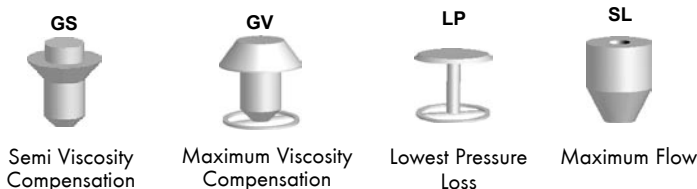
Options

Alarm
Latching Reed Switch

Certified Calibrations
Conform to ISA RP 16.6

Scales
Can be produced in any volumetric unit

Float Types:



Glass Tube

Performance

Capacities
.25 to 116 – Water
1 to 245 SCFM – Air

Scale
127 mm (5")
Direct reading, detachable

Accuracy
± 3% of Full Scale Flow

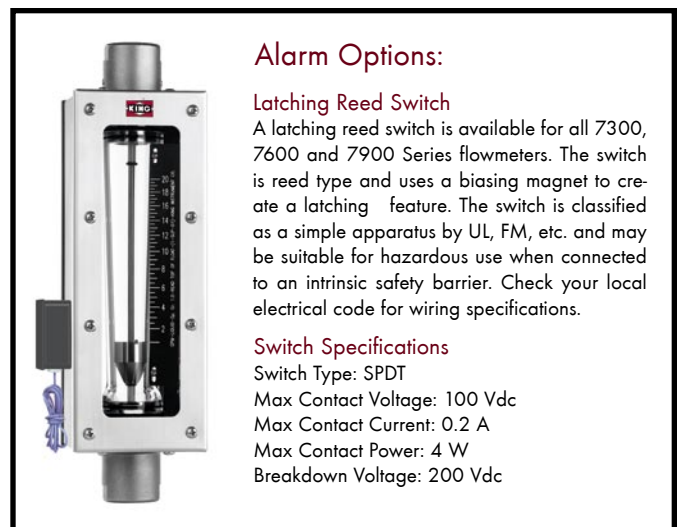
Turndown
10:1 to 12.5:1 unless otherwise indicated

Repeatability
1/2 %

Max Temperature
316L SS Fittings – 200° F (93° C)
PVC Fittings – 110° F (43° C)

Max Pressure
316L SS Fittings – 250 psig, size 3 & 4
316L SS Fittings – 200 psig, size 5 & 6
316L SS Fittings – 150 psig, size 8 & 9
PVC Fittings – 100 psig

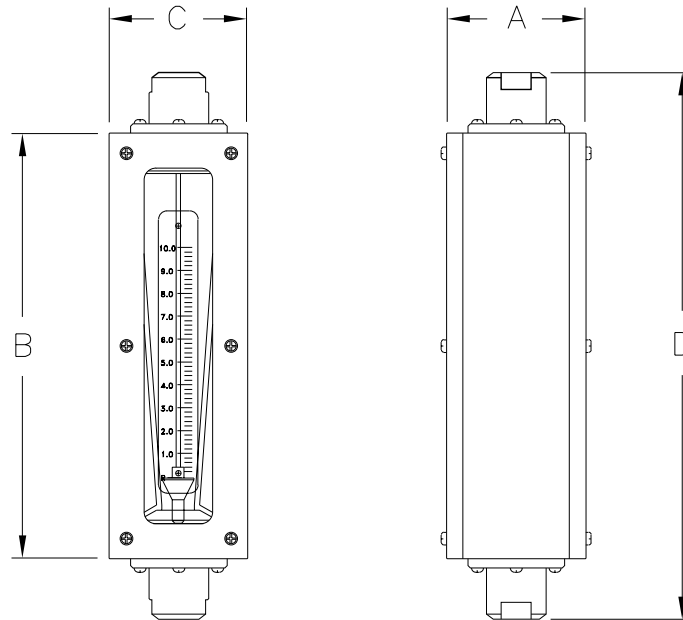
Ambient Temperature
33° F to 125° F (1° C to 52° C)



7610 Series Specifications:

Glass Tube

Order Number	Full Scale Flow GPM-Water	Alarm Options	Order Number	Full Scale Flow SCFM-Air	Alarm Options	Float Number	Float Type	Press. Drop In W.C	Tube		Dimensions (Inches)				Connection Size Flange
									Size - Number	A	B	C	D		
31W	.25	No	31A	1.0	No	3/8-LPG-01	LP	-	3G - 3/8-20-G-5	2.562	8.937	2.50	11.875	1/2"	
32W	.36	No	32A	1.5	No	3/8-SLG-01	SL	2	3G - 3/8-20-G-5	2.562	8.937	2.50	11.875	1/2"	
33W	.74	No	33A	3.0	No	3/8-SLG-02	SL	5	3G - 3/8-20-G-5	2.562	8.937	2.50	11.875	1/2"	
41W	1.0	No	41A	4.2	No	1/2-LPG-01	LP	6	4G - 1/2-27-G-5	2.562	8.937	2.50	11.875	1/2"	
43W	2.0	Yes	43A	8.2	Yes	1/2-SLG-01	GS	10	4G - 1/2-27-G-5	2.562	8.937	2.50	11.875	1/2"	
51W	1.5	No	51A	6.0	No	3/4-LPG-01	LP	3	5G - 3/4-30-G-5	3.875	10.687	3.375	13.75	1"	
52W	3.8	Yes	52A	16.0	Yes	3/4-GSG-01	GS	10	5G - 3/4-30-G-5	3.875	10.687	3.375	13.75	1"	
53W	5.0	Yes	53A	21.5	Yes	3/4-SLG-01	SL	14	5G - 3/4-30-G-5	3.875	10.687	3.375	13.75	1"	
61W	6.0	No	61A	25.5	No	1-GVP-01	GV	5	6P - 1-33-P-5	3.875	10.687	3.375	13.75	1"	
62W	7.4	No	62A	30.0	No	1-GVP-02	GV	6	6P - 1-33-P-5	3.875	10.687	3.375	13.75	1"	
63W	9.6	No	63A	40.0	No	1-GSP-01	GS	10	6P - 1-33-P-5	3.875	10.687	3.375	13.75	1"	
64W	11.0	No	64A	45.0	No	1-GSP-02	GS	13	6P - 1-33-P-5	3.875	10.687	3.375	13.75	1"	
65W	14.0	No	65A	62.0	No	1-GSP-03	GS	24	6P - 1-33-P-5	3.875	10.687	3.375	13.75	1"	
66W	20.0	Yes	66A	90.0	Yes	1-SLP-01	SL	39	6P - 1-33-P-5	3.875	10.687	3.375	13.75	1"	
67W	26.0	Yes	-	-	No	1-SLP-02	SL	45	6P - 1-33-P-5	3.875	10.687	3.375	13.75	1"	
81W	22.0	Yes	81A	90.0	Yes	1 1/2-GVP-01	GV	16	8P - 1 1/2-34-P-5	5.375	11.75	5.312	16	2"	
82W	30.0	Yes	82A	125.0	Yes	1 1/2-GVP-02	SL	23	8P - 1 1/2-34-P-5	5.375	11.75	5.312	16	2"	
83W	44.0	Yes	83A	180.0	Yes	1 1/2-SLP-01	SL	30	8P - 1 1/2-34-P-5	5.375	11.75	5.312	16	2"	
84W	50.0	Yes	84A	200.0	Yes	1 1/2-SLP-02	SL	35	8P - 1 1/2-34-P-5	5.375	11.75	5.312	16	2"	
85W	61.0	Yes	85A	250.0	Yes	1 1/2-SLP-03	SL	40	8P - 1 1/2-34-P-5	5.375	11.75	5.312	16	2"	
91W	41.0	Yes	91A	160.0	Yes	2-GVP-01	GV	5	9P - 2-33-P-5	5.375	11.75	5.312	16	2"	
92W	60.0	Yes	92A	245.0	Yes	2-GSP-01	GS	16	9P - 2-33-P-5	5.375	11.75	5.312	16	2"	
93W	86.0	Yes	-	-	-	2-SLP-01	SL	25	9P - 2-33-P-5	5.375	11.75	5.312	16	2"	
94W	116.0	Yes	-	-	-	2-SLP-02	SL	45	9P - 2-33-P-5	5.375	11.75	5.312	16	2"	



Ordering:

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

7	6	1						
Meter Series	Fitting Material	Float Material	O-Ring Material	Alarm Option	Order Number			
	316L SS - 2 PVC (not for air service) - 3	316L SS - 2 Hastelloy® C-276 - 4	EPR - 1 Buna-N - 2 Viton® - 3 Kalrez® - 4	Without Alarm - 0 One Alarm - A Two Alarms - D	See Specifications Table			

Example: 761 - 2 - 2 - 1 - A - 53W