SM - High Pressure All-Metal Flowmeter & Switch

Benefits and Features

- ±5% Full Scale Accuracy
- Maximum Pressure 3600 PSI/5000 PSI
- All Media Contacted Parts Available in Brass or SS
- Direct Reading Scales for Water and Air
- Small, Compact Design
- Easy to Install

Specifications

Accuracy: ±5% full scale
Flow Media: liquids and gases
Installation: SMV... vertical, media flow bottom to top
SMO ... vertical, media flow top to bottom
SMW ... horizontal, media flow left to right or right to left (specify)
SMF ... vertical, media flow bottom to top
Measuring Principle: SMV ...model, with float and cylindrical control tube SMO, SMW, SMF ...model, with float return spring and cylindrical control tube
Mode of Operation: dependent on flow, not pressure
Max. Temperature: 212°F (with PP float 160°F)
Max. Pressure: 3600 PSIG for Brass units, 5000 PSIG for SS units 230 PSIG with PP Floats

Body: Nickel-plated brass or 304 SS
Slotted Nozzle: Nickel-plated Brass or SS
Float: Nickel-plated Brass, hard anodized Aluminum, Polypropylene or SS
Spring: 301 SS
Fittings: Nickel-plated brass or 304 SS
Seals: NBR for Brass units, FKM for SS units
Electr. Switch Housing: Plastic-NEMA 4
Magnetically Operated Pointer Indication: Nickel plated Brass, Poycarbonate
Reed Contact:
- **N/O:** AC: AC: 1.5 A, 240 VAC. 50 VA
- **DC: 1.0 A, 200 VDC. 50 W**
- **SPDT:** 0.8 A, 240 VAC. 30 VA

Copyright 2008 Flow Network http://www.flow-network.com
Acworth, GA 30101 Phone (770) 917-0940 Fax (770) 917-8352 Email Sales@Flow-Network.com

SM - High Pressure All-Metal Flowmeter & Switch

Ordering Information

Order Number for Standard Types
Flow Direction - Top to Bottom - Series SMO

Range water GPM	Stand. conn. NPT	Press. drop max. PSI	Float	Flow Switch 1 N/O contact, water scale Material Brass	Flow Switch 1 N/O contact, water scale Material SS	Flowmeter water scale Material Brass	Flowmeter water scale Material SS	Flowmeter and switch 1 N/O contact, water scale Material Brass	Flowmeter and switch 1 N/O contact, water scale Material SS
0.04– 0.6	1/4"	2.90	PP	SM0 5101	SM0 5201	SM0 6101	SM0 6201	SM0 7101	SM0 7201
0.2 – 1.2	1/4"	2.61	PP	SM0 5102	SM0 5202	SM0 6102	SM0 6202	SM0 7102	SM0 7202
0.2 – 1.1	1/4"	2.90	AL	SM0 5104	SM0 5204	SM0 6104	SM0 6204	SM0 7104	SM0 7204
0.04– 0.6	1/4"	2.90	SS	SM0 5105	SM0 5205	SM0 6105	SM0 6205	SM0 7105	SM0 7205
0.1 – 1	1/4"	2.90	SS	SM0 5108	SM0 5208	SM0 6108	SM0 6208	SM0 7108	SM0 7208
0.2 – 2	1/4"	4.35	AL	SM0 5110	SM0 5210	SM0 6110	SM0 6210	SM0 7110	SM0 7210
0.1 – 1.8	1/4"	4.35	Brass*	SM0 5111	SM0 5211	SM0 6111	SM0 6211	SM0 7111	SM0 7211
0.1 – 2.2	1/4"	4.35	SS	SM0 5112	SM0 5212	SM0 6112	SM0 6212	SM0 7112	SM0 7212
0.2 – 6	1/4"	5.80	PP	SM0 5113	SM0 5213	SM0 6113	SM0 6213	SM0 7113	SM0 7213
0.2 – 6	1/4"	5.80	AL	SM0 5114	SM0 5214	SM0 6114	SM0 6214	SM0 7114	SM0 7214
0.4 – 7	1/4"	2.90	PP	SM0 5115	SM0 5215	SM0 6115	SM0 6215	SM0 7115	SM0 7215
0.1 – 5	1/4"	5.80	Brass*	SM0 5116	SM0 5216	SM0 6116	SM0 6216	SM0 7116	SM0 7216
0.1 – 6	1/4"	2.90	SS	SM0 5117	SM0 5217	SM0 6117	SM0 6217	SM0 7117	SM0 7217
0.4 – 7	1/4"	4.35	AL	SM0 5118	SM0 5218	SM0 6118	SM0 6218	SM0 7118	SM0 7218
1 – 9	1/4"	5.80	PP	SM0 5119	SM0 5219	SM0 6119	SM0 6219	SM0 7119	SM0 7219
1 – 9	1/4"	5.80	AL	SM0 5120	SM0 5220	SM0 6120	SM0 6220	SM0 7120	SM0 7220
0.4 – 7	1/2"	5.80	SS	SM0 5121	SM0 5221	SM0 6121	SM0 6221	SM0 7121	SM0 7221
2 – 8	1/2"	5.80	SS	SM0 5123	SM0 5223	SM0 6123	SM0 6223	SM0 7123	SM0 7223
0.5 –18	3/4"	7.25	PP	SM0 5125	SM0 5225	SM0 6125	SM0 6225	SM0 7125	SM0 7225
1 –20	3/4"	7.25	PP	SM0 5126	SM0 5226	SM0 6126	SM0 6226	SM0 7126	SM0 7226
0.5 –18	3/4"	7.25	AL	SM0 5127	SM0 5227	SM0 6127	SM0 6227	SM0 7127	SM0 7227
1 –20	3/4"	7.25	AL	SM0 5129	SM0 5229	SM0 6129	SM0 6229	SM0 7129	SM0 7229

*With SS units the float is also made of SS

Options
(add suffix to Order Number)

Range water GPH **Suffix "H"**	Range air SCFM **Suffix "L"**	Special conn. NPT **Suffix "B"**
5– 50	0.2– 3.5	1/2"
10– 60	0.4– 4	1/2"
10– 70	0.4– 4.5	1/2"
5– 50	0.2– 3	1/2"
5– 50	0.2– 3.5	1/2"
10– 120	1 – 8	1/2"
10– 120	0.5– 8	1/2"
10– 120	1.5– 8	1/2"
20– 220	1.5– 14	1/2"
40– 220	2 – 14	1/2"
50– 350	2 – 24	1/2"
40– 220	2 – 14	1/2"
25– 250	1 – 18	1/2"
50– 375	1 – 24	1/2"
50– 400	4 – 30	1/2"
50– 450	2 – 30	1/2"
50– 350	2 – 22	1/4"
50– 350	4 – 24	1/4"
200–1200	10 – 80	–
500–1600	30 –110	–
200–1200	10 – 80	–
600–1500	30 –100	–

Copyright 2008 Flow Network http://www.flow-network.com
Acworth, GA 30101 Phone (770) 917-0940 Fax (770) 917-8352 Email Sales@Flow-Network.com

SM - High Pressure All-Metal Flowmeter & Switch

Ordering Information

Order Numbers for Standard Types
Flow Direction - Bottom to Top - Series SMV

Range water GPM	Stand. conn. NPT	Press. drop max. PSI	Float	Flow Switch 1 N/O contact, water scale Material Brass	Flow Switch 1 N/O contact, water scale Material SS	Flowmeter water scale Material Brass	Flowmeter water scale Material SS	Flowmeter and Switch 1 N/O contact, water scale Material Brass	Flowmeter and Switch 1 N/O contact, water scale Material SS
0.05 – 0.15	¼"	0.29	PP	SMV 5101	SMV 5201	SMV 6101	SMV 6201	SMV 7101	SMV 7201
0.075– 0.25	¼"	0.29	PP	SMV 5102	SMV 5202	SMV 6102	SMV 6202	SMV 7102	SMV 7202
0.1 – 0.3	¼"	0.58	SS	SMV 5105	SMV 5205	SMV 6105	SMV 6205	SMV 7105	SMV 7205
0.09 – 0.5	¼"	0.58	Brass*	SMV 5106	SMV 5206	SMV 6106	SMV 6206	SMV 7106	SMV 7206
0.2 – 0.5	¼"	0.29	SS	SMV 5108	SMV 5208	SMV 6108	SMV 6208	SMV 7108	SMV 7208
0.1 – 0.7	¼"	0.44	AL	SMV 5110	SMV 5210	SMV 6110	SMV 6210	SMV 7110	SMV 7210
0.2 – 1.0	¼"	0.58	SS	SMV 5112	SMV 5212	SMV 6112	SMV 6212	SMV 7112	SMV 7212
0.15 – 1.3	¼"	1.45	AL	SMV 5113	SMV 5213	SMV 6113	SMV 6213	SMV 7113	SMV 7213
0.15 – 1.9	¼"	1.45	AL	SMV 5114	SMV 5214	SMV 6114	SMV 6214	SMV 7114	SMV 7214
0.2 – 2	¼"	0.29	PP	SMV 5115	SMV 5215	SMV 6115	SMV 6215	SMV 7115	SMV 7215
0.5 – 3.0	¼"	0.58	PP	SMV 5119	SMV 5219	SMV 6119	SMV 6219	SMV 7119	SMV 7219
0.75 – 3.5	¼"	2.61	SS	SMV 5121	SMV 5221	SMV 6121	SMV 6221	SMV 7121	SMV 7221
1.0 – 5.0	¼"	0.87	SS	SMV 5123	SMV 5223	SMV 6123	SMV 6223	SMV 7123	SMV 7223
0.5 – 8	⅜"	1.45	PP	SMV 5125	SMV 5225	SMV 6125	SMV 6225	SMV 7125	SMV 7225
0.5 – 9.0	⅜"	2.32	AL	SMV 5127	SMV 5227	SMV 6127	SMV 6227	SMV 7127	SMV 7227
2 –12	⅜"	2.90	SS	SMV 5128	SMV 5228	SMV 6128	SMV 6228	SMV 7128	SMV 7228
1 –14	⅜"	3.19	SS	SMV 5130	SMV 5230	SMV 6130	SMV 6230	SMV 7130	SMV 7230
4 –18	1¼"	3.18	PP	SMV 5132	SMV 5232	SMV 6132	SMV 6232	SMV 7132	SMV 7232
4 –24	1¼"	2.90	AL	SMV 5134	SMV 5234	SMV 6134	SMV 6234	SMV 7134	SMV 7234
4 –30	1¼"	4.35	SS	SMV 5137	SMV 5237	SMV 6137	SMV 6237	SMV 7137	SMV 7237
4 –40	1¼"	3.63	SS	SMV 5138	SMV 5238	SMV 6138	SMV 6238	SMV 7138	SMV 7238

*With SS units the float is also made of SS

Options
(add suffix to Order Number)

Range air SCFM **Suffix "L"**	Special conn. NPT **Suffix "B"**	Special contact **Suffix "U"**
0.05– 1	½"	
0.2 – 1.1	½"	
0.3 – 2	½"	
0.4 – 2	½"	
0.5 – 2.4	½"	
0.5 – 3	½"	
0.75– 4.5	½"	
0.4 – 5.5	½"	
0.6 – 6	½"	
1 – 8	½"	
2 - 11	½"	
2 – 14	½"	SPDT
3 – 18	½"	Contact
2.5 - 28	-	
2.5 – 35	–	
3.4 – 40	–	
5 – 45	–	
5 – 60	–	
5 – 70	–	
5 – 110	–	
5 –130	–	

Copyright 2008 Flow Network http://www.flow-network.com
Acworth, GA 30101 Phone (770) 917-0940 Fax (770) 917-8352 Email Sales@Flow-Network.com

SM - High Pressure All-Metal Flowmeter & Switch

Ordering Information

Order Numbers for Standard Types
Flow Direction - Left to Right or Right to Left - Series SMW

Range water GPM	Stand. conn. NPT	Press. drop max. PSI	Float	Flow switch 1 N/O contact, water scale Material Brass	Flow switch 1 N/O contact, water scale Material SS	Flowmeter water scale Material Brass	Flowmeter water scale Material SS	Flowmeter and Switch 1 N/O contact, water scale Material Brass	Flowmeter and Switch 1 N/O contact, water scale Material SS
0.06– 0.8	1/4"	3.48	PP	SMW 5101	SMW 5201	SMW 6101	SMW 6201	SMW 7101	SMW 7201
0.25– 1.2	1/4"	3.19	PP	SMW 5102	SMW 5202	SMW 6102	SMW 6202	SMW 7102	SMW 7202
0.06– 0.8	1/4"	2.90	SS	SMW 5105	SMW 5205	SMW 6105	SMW 6205	SMW 7105	SMW 7205
0.3– 1.2	1/4"	3.19	Brass*	SMW 5107	SMW 5207	SMW 6107	SMW 6207	SMW 7107	SMW 7207
0.25– 1.2	1/4"	3.19	SS	SMW 5108	SMW 5208	SMW 6108	SMW 6208	SMW 7108	SMW 7208
0.3 – 2.6	1/4"	4.35	PP	SMW 5109	SMW 5209	SMW 6109	SMW 6209	SMW 7109	SMW 7209
0.25– 2.6	1/4"	5.80	SS	SMW 5112	SMW 5212	SMW 6112	SMW 6212	SMW 7112	SMW 7212
0.3 – 6	1/4"	7.25	PP	SMW 5113	SMW 5213	SMW 6113	SMW 6213	SMW 7113	SMW 7213
0.3 – 6	1/4"	4.35	SS	SMW 5117	SMW 5217	SMW 6117	SMW 6217	SMW 7117	SMW 7217
1 – 8	1/4"	4.35	AL	SMW 5118	SMW 5218	SMW 6118	SMW 6218	SMW 7118	SMW 7218
2 –10	1/4"	5.80	PP	SMW 5119	SMW 5219	SMW 6119	SMW 6219	SMW 7119	SMW 7219
2 –10	1/4"	5.80	AL	SMW 5120	SMW 5220	SMW 6120	SMW 6220	SMW 7120	SMW 7220
1 – 8	1/2"	5.80	SS	SMW 5121	SMW 5221	SMW 6121	SMW 6221	SMW 7121	SMW 7221
2 –10	1/2"	5.80	SS	SMW 5123	SMW 5223	SMW 6123	SMW 6223	SMW 7123	SMW 7223
0.5 –20	3/4"	7.25	PP	SMW 5125	SMW 5225	SMW 6125	SMW 6225	SMW 7125	SMW 7225
8 –31	3/4"	7.25	PP	SMW 5126	SMW 5226	SMW 6126	SMW 6226	SMW 7126	SMW 7226
1 –20	3/4"	7.25	AL	SMW 5127	SMW 5227	SMW 6127	SMW 6227	SMW 7127	SMW 7227
8 –34	3/4"	8.70	SS	SMW 5130	SMW 5230	SMW 6130	SMW 6230	SMW 7130	SMW 7230
8 –22	3/4"	8.70	Brass*	SMW 5131	SMW 5231	SMW 6131	SMW 6231	SMW 7131	SMW 7231
8 –34	3/4"	8.70	Brass*	SMW 5132	SMW 5232	SMW 6132	SMW 6232	SMW 7132	SMW 7232

Options
(add suffix to Order Number)

Range air SCFM **Suffix "L"**	Special conn. NPT **Suffix "B"**	Special contact **Suffix "U"**
0.6– 4	1/2"	
0.6– 5	1/2"	
0.4– 4	1/2"	
1 – 5	1/2"	
0.8– 4.5	1/2"	
1 – 10	1/2"	
2 – 10	1/2"	
2 – 14	1/2"	
3 – 24	1/2"	Contact
2.5– 18	1/2"	SPDT
2 – 30	1/2"	
4 – 30	1/2"	
4 – 24	1/4"	
4 – 30	1/4"	
10 – 80	–	
30 –120	–	
10 – 80	–	
30 –130	–	
10 – 90	–	
30 –130	–	

*With SS units the float is also made of SS

Note: specify flow direction left to right "L–R" or right to left "R–L"

Copyright 2008 Flow Network http://www.flow-network.com
Acworth, GA 30101 Phone (770) 917-0940 Fax (770) 917-8352 Email Sales@Flow-Network.com

SM - High Pressure All-Metal Flowmeter & Switch

Ordering Information

Order Number for Standard Types
Flow Direction - Bottom to Top - Series SMF

Range water GPM	Stand. conn. NPT	Press. drop max. PSI	Float	Flow Switch 1 N/O contact, water scale Material Brass	Flow Switch 1 N/O contact, water scale Material SS	Flowmeter water scale Material Brass	Flowmeter water scale Material SS	Flowmeter and Switch 1 N/O contact, water scale Material Brass	Flowmeter and Switch 1 N/O contact, water scale Material SS
0.1– 0.9	1/4"	2.32	PP	SMF 5101	SMF 5201	SMF 6101	SMF 6201	SMF 7101	SMF 7201
0.3– 1.3	1/4"	1.89	PP	SMF 5102	SMF 5202	SMF 6102	SMF 6202	SMF 7102	SMF 7202
0.1– 0.9	1/4"	2.32	SS	SMF 5105	SMF 5205	SMF 6105	SMF 6205	SMF 7105	SMF 7205
0.3– 1.3	1/4"	2.61	SS	SMF 5108	SMF 5208	SMF 6108	SMF 6208	SMF 7108	SMF 7208
0.4– 3	1/4"	2.61	PP	SMF 5109	SMF 5209	SMF 6109	SMF 6209	SMF 7109	SMF 7209
0.4– 3	1/4"	2.90	SS	SMF 5112	SMF 5212	SMF 6112	SMF 6212	SMF 7112	SMF 7212
0.4– 7	1/4"	4.35	PP	SMF 5113	SMF 5213	SMF 6113	SMF 6213	SMF 7113	SMF 7213
1 – 8	1/4"	5.80	PP	SMF 5115	SMF 5215	SMF 6115	SMF 6215	SMF 7115	SMF 7215
0.4– 6	1/4"	5.80	Brass*	SMF 5116	SMF 5216	SMF 6116	SMF 6216	SMF 7116	SMF 7216
0.4– 7	1/4"	4.35	SS	SMF 5117	SMF 5217	SMF 6117	SMF 6217	SMF 7117	SMF 7217
1 –10	1/4"	2.90	PP	SMF 5119	SMF 5219	SMF 6119	SMF 6219	SMF 7119	SMF 7219
1 –11	1/4"	4.35	AL	SMF 5120	SMF 5220	SMF 6120	SMF 6220	SMF 7120	SMF 7220
1 – 9	1/4"	4.35	SS	SMF 5121	SMF 5221	SMF 6121	SMF 6221	SMF 7121	SMF 7221
2 –12	1/4"	4.35	SS	SMF 5123	SMF 5223	SMF 6123	SMF 6223	SMF 7123	SMF 7223
1 –20	3/4"	5.80	PP	SMF 5125	SMF 5225	SMF 6125	SMF 6225	SMF 7125	SMF 7225
3 –30	3/4"	5.80	PP	SMF 5126	SMF 5226	SMF 6126	SMF 6226	SMF 7126	SMF 7226
2 –22	3/4"	7.25	SS	SMF 5128	SMF 5228	SMF 6128	SMF 6228	SMF 7128	SMF 7228

*With SS units the float is also made of SS

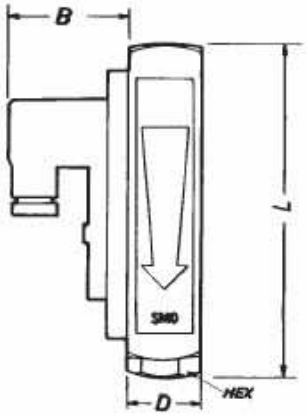
Options
(add suffix to Order Number)

Range air SCFM **Suffix "L"**	Special conn. NPT **Suffix "B"**	Special contact **Suffix "U"**
0.2– 1	1/2"	
0.8– 5	1/2"	
0.4– 4	1/2"	
1 – 5	1/2"	
1 – 9	1/2"	
2.5– 10	1/2"	
2.5– 20	1/2"	
4 – 28	1/2"	
4 – 20	1/2"	
2.5– 22	1/2"	SPDT
4 – 30	1/2"	contact
4 – 34	1/2"	
6 – 28	1/2"	
7 – 35	1/2"	
10 – 80	–	
30 –115	–	
10 – 90	–	

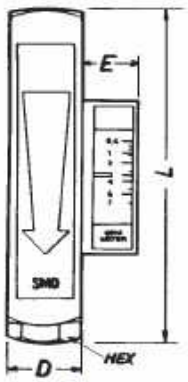
Copyright 2008 Flow Network http://www.flow-network.com
Acworth, GA 30101 Phone (770) 917-0940 Fax (770) 917-8352 Email Sales@Flow-Network.com

SM - High Pressure All-Metal Flowmeter & Switch

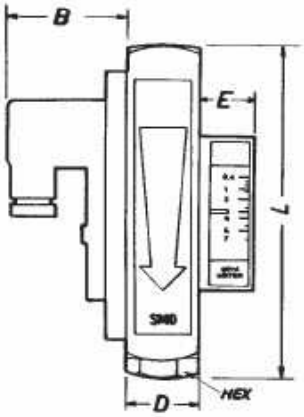
Dimensions



SMO-5..



SMO-6..



SMO-7..

Dimensions

ALL-METAL FLOW SWITCH WITH 1 N/O CONTACT
– Flow: top to bottom –

Order Number (Brass)	Order Number (SS)	Dimensions Depth of thread Standard	Depth of thread Suffix "B"	D	L Standard	L Suffix "B"	B	Weight lbs.
SMO 5101 to SMO 5118	SMO 5201 to SMO 5218	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	2.09"	1.98
SMO 5119 to SMO 5120	SMO 5219 to SMO 5220	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	2.09"	2.20
SMO 5121	SMO 5221	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	2.09"	2.20
SMO 5123	SMO 5223	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	2.09"	2.20
SMO 5125 to SMO 5130	SMO 5225 to SMO 5230	0.63"	–	1.58"×1.58"	5.91"	–	2.09"	3.75

U.S. Patent Number 4,567,777

ALL-METAL FLOWMETER
– Flow: top to bottom –

Order Number (Brass)	Order Number (SS)	Dimensions Depth of thread Standard	Depth of thread Suffix "B"	D	L Standard	L Suffix "B"	B	E	Weight lbs.
SMO 6101 to SMO 6118	SMO 6201 to SMO 6218	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	–	0.87"	1.98
SMO 6119 to SMO 6120	SMO 6219 to SMO 6220	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	–	0.87"	2.20
SMO 6121	SMO 6221	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	–	0.87"	2.20
SMO 6123	SMO 6223	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	–	0.87"	2.20
SMO 6125 to SMO 6130	SMO 6225 to SMO 6230	0.63"	–	1.58"×1.58"	5.91"	–	–	0.87"	3.75

U.S. Patent Number 4,567,777

ALL-METAL FLOWMETER AND SWITCH WITH 1 N/O CONTACT
– Flow: top to bottom –

Order Number (Brass)	Order Number (SS)	Dimensions Depth of thread Standard	Depth of thread Suffix "B"	D	L Standard	L Suffix "B"	B	E	Weight lbs.
SMO 7101 to SMO 7118	SMO 7201 to SMO 7218	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	2.09"	0.87"	1.98
SMO 7119 to SMO 7120	SMO 7219 to SMO 7220	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	2.09"	0.87"	2.20
SMO 7121	SMO 7221	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	2.09"	0.87"	2.20
SMO 7123	SMO 7223	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	2.09"	0.87"	2.20
SMO 7125 to SMO 7130	SMO 7225 to SMO 7230	0.63"	–	1.58"×1.58"	5.91"	–	2.09"	0.87"	3.75

U.S. Patent Number. 4,567,777

Subject to change without prior notice.

Copyright 2008 Flow Network http://www.flow-network.com
Acworth, GA 30101 Phone (770) 917-0940 Fax (770) 917-8352 Email Sales@Flow-Network.com

SM - High Pressure All-Metal Flowmeter & Switch

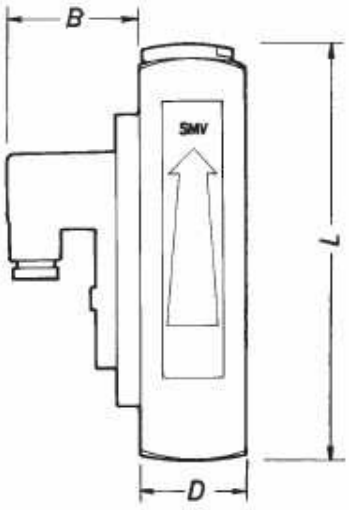
Dimensions

Dimensions

ALL-METAL FLOW SWITCH WITH 1 N/O CONTACT
– Flow: bottom to top –

Order Number (Brass)	Order Number (SS)	Dimensions: Depth of thread Standard	Depth of thread Suffix "B"	D	L Standard	L Suffix "B"	B	E	Weight lbs.
SMV 5101 to SMV 5117	SMV 5201 to SMV 5217	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	2.09"	–	1.98
SMV 5119	SMV 5219	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	2.09"	–	2.20
SMV 5121	SMV 5221	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	2.09"	–	1.98
SMV 5123	SMV 5223	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	2.09"	–	2.02
SMV 5125 to SMV 5130	SMV 5225 to SMV 5230	0.63"	–	1.58"×1.58"	5.91"	–	2.09"	–	3.75
SMV 5132	SMV 5232	0.79"	–	1.97"×1.97"	6.50"	–	2.09"	–	6.39
SMV 5134	SMV 5234	0.79"	–	1.97"×1.97"	6.50"	–	2.09"	–	6.39
SMV 5136	SMV 5236	0.79"	–	1.97"×1.97"	7.09"	–	2.09"	–	6.61
SMV 5137	SMV 5237	0.79"	–	1.97"×1.97"	6.50"	–	2.09"	–	6.39
SMV 5138	SMV 5238	0.79"	–	1.97"×1.97"	7.09"	–	2.09"	–	6.61

U.S. Patent Number. 4,567,777

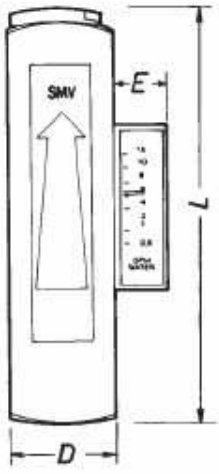


SMV-5...

ALL-METAL FLOWMETER
– Flow: bottom to top –

Order Number (Brass)	Order Number (SS)	Dimensions: Depth of thread Standard	Depth of thread Suffix "B"	D	L Standard	L Suffix "B"	B	E	Weight lbs.
SMV 6101 to SMV 6117	SMV 6201 to SMV 6217	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	–	0.87"	1.98
SMV 6119	SMV 6219	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	–	0.87"	2.20
SMV 6121	SMV 6221	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	–	0.87"	1.98
SMV 6123	SMV 6223	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	–	0.87"	2.02
SMV 6125 to SMV 6130	SMV 6225 to SMV 6230	0.63"	–	1.58"×1.58"	5.91"	–	–	0.87"	3.75
SMV 6132	SMV 6232	0.79"	–	1.97"×1.97"	6.50"	–	–	0.87"	6.39
SMV 6134	SMV 6234	0.79"	–	1.97"×1.97"	6.50"	–	–	0.87"	6.39
SMV 6136	SMV 6236	0.79"	–	1.97"×1.97"	7.09"	–	–	0.87"	6.61
SMV 6137	SMV 6237	0.79"	–	1.97"×1.97"	6.50"	–	–	0.87"	6.39
SMV 6138	SMV 6238	0.79"	–	1.97"×1.97"	7.09"	–	–	0.87"	6.61

U.S. Patent Number 4,567,777

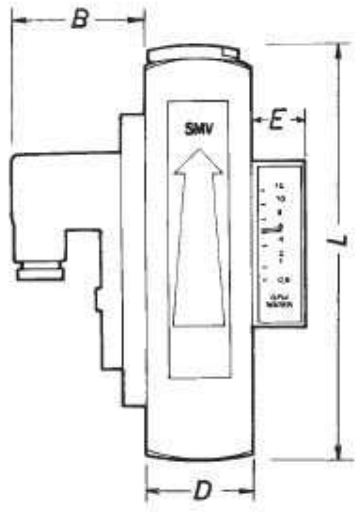


SMV-6...

Copyright 2008 Flow Network http://www.flow-network.com
Acworth, GA 30101 Phone (770) 917-0940 Fax (770) 917-8352 Email Sales@Flow-Network.com

SM - High Pressure All-Metal Flowmeter & Switch

Dimensions



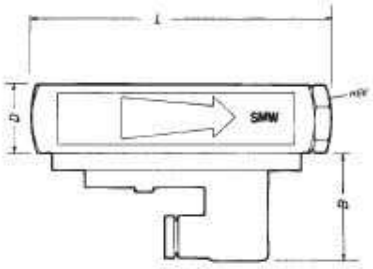
SMV-7...

Dimensions

ALL-METAL FLOWMETER AND SWITCH WITH 1 N/O CONTACT
– Flow: bottom to top –

Order Number (Brass)	Order Number (SS)	Dimensions Depth of Thread Standard	Depth of Thread Suffix "B"	D	L Standard	L Suffix "B"	B	E	Weight lbs.
SMV 7101 to SMV 7117	SMV 7201 to SMV 7217	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	2.09"	0.87"	1.98
SMV 7119	SMV 7219	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	2.09"	0.87"	2.20
SMV 7121	SMV 7221	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	2.09"	0.87"	1.98
SMV 7123	SMV 7223	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	2.09"	0.87"	2.02
SMV 7125 to SMV 7130	SMV 7225 to SMV 7230	0.63"	–	1.58"×1.58"	5.91"	–	2.09"	0.87"	3.75
SMV 7132	SMV 7232	0.79"	–	1.97"×1.97"	6.50"	–	2.09"	0.87"	6.39
SMV 7134	SMV 7234	0.79"	–	1.97"×1.97"	6.50"	–	2.09"	0.87"	6.39
SMV 7136	SMV 7236	0.79"	–	1.97"×1.97"	7.09"	–	2.09"	0.87"	6.61
SMV 7137	SMV 7237	0.79"	–	1.97"×1.97"	6.50"	–	2.09"	0.87"	6.39
SMV 7138	SMV 7238	0.79"	–	1.97"×1.97"	7.09"	–	2.09"	0.87"	6.61

U.S. Patent Number. 4,567,777



SMW-5...

ALL-METAL FLOW SWITCH WITH 1 N/O CONTACT
– Flow: left to right or right to left –

Order Number (Brass)	Order Number (SS)	Dimensions Depth of Thread Standard	Depth of Thread Suffix "B"	D	L Standard	L Suffix "B"	B	E	Weight lbs.
SMW 5101 to SMW 5117	SMW 5201 to SMW 5217	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	2.09"	–	1.98
SMW 5119 to SMW 5120	SMW 5219 to SMW 5220	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	2.09"	–	2.02
SMW 5121	SMW 5221	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	2.09"	–	1.98
SMW 5123	SMW 5223	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	2.09"	–	2.02
SMW 5125 to SMW 5132	SMW 5225 to SMW 5232	0.63"	–	1.58"×1.58"	5.91"	–	2.09"	–	3.75

U.S. Patent Number. 4,567,777

Copyright 2008 Flow Network http://www.flow-network.com
Acworth, GA 30101 Phone (770) 917-0940 Fax (770) 917-8352 Email Sales@Flow-Network.com

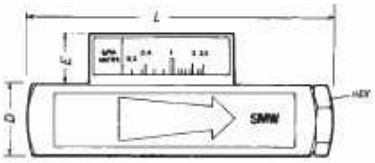
SM - High Pressure All-Metal Flowmeter & Switch

Dimensions

Dimensions

ALL-METAL FLOWMETER
– Flow: left to right or right to left –

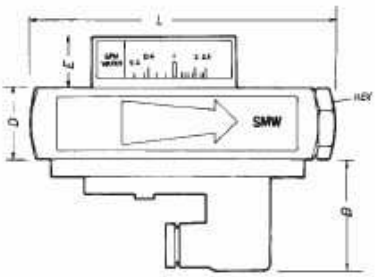
Order Number (Brass)	Order Number (SS)	Dimensions: Depth of thread Standard	Depth of thread Suffix "B"	D	L Standard	L Suffix "B"	B	E	Weight lbs.
SMW 6101 to SMW 6117	SMW 6201 to SMW 6217	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	–	0.87"	1.98
SMW 6119 to SMW 6120	SMW 6219 to SMW 6220	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	–	0.87"	2.02
SMW 6121	SMW 6221	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	–	0.87"	1.98
SMW 6123	SMW 6223	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	–	0.87"	2.02
SMW 6125 to SMW 6132	SMW 6225 to SMW 6232	0.63"	–	1.58"×1.58"	5.91"	–	–	0.87"	3.75
U.S. Patent Number. 4,567,777									



SMW-6...

ALL-METAL FLOWMETER AND SWITCH WITH 1 N/O CONTACT
– Flow: left to right or right to left –

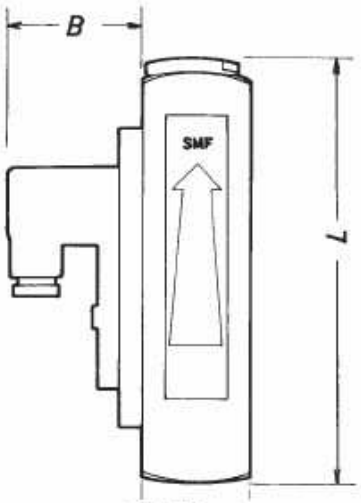
Order Number (Brass)	Order Number (SS)	Dimensions: Depth of thread Standard	Depth of thread Suffix "B"	D	L Standard	L Suffix "B"	B	E	Weight lbs.
SMW 7101 to SMW 7117	SMW 7201 to SMW 7217	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	2.09"	0.87"	1.98
SMW 7119 to SMW 7120	SMW 7219 to SMW 7220	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	2.09"	0.87"	2.02
SMW 7121	SMW 7221	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	2.09"	0.87"	1.98
SMW 7123	SMW 7223	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	2.09"	0.87"	2.02
SMW 7125 to SMW 7132	SMW 7225 to SMW 7232	0.63"	–	1.58"×1.58"	5.91"	–	2.09"	0.87"	3.75
U.S. Patent Number. 4,567,777									



SMW-7...

ALL-METAL FLOW SWITCH WITH 1 N/O CONTACT
– Flow: bottom to top –

Order Number (Brass)	Order Number (SS)	Dimensions: Depth of thread Standard	Depth of thread Suffix "B"	D	L Standard	L Suffix "B"	B	E	Weight lbs.
SMF 5101 to SMF 5117	SMF 5201 to SMF 5217	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	2.09"	–	1.98
SMF 5119 to SMF 5120	SMF 5219 to SMF 5220	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	2.09"	–	2.02
SMF 5121	SMF 5221	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	2.09"	–	1.98
SMF 5123	SMF 5223	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	2.09"	–	2.02
SMF 5125 to SMF 5128	SMF 5225 to SMF 5228	0.63"	–	1.58"×1.58"	5.91"	–	2.09"	–	3.75
U.S. Patent Number. 4,567,777									

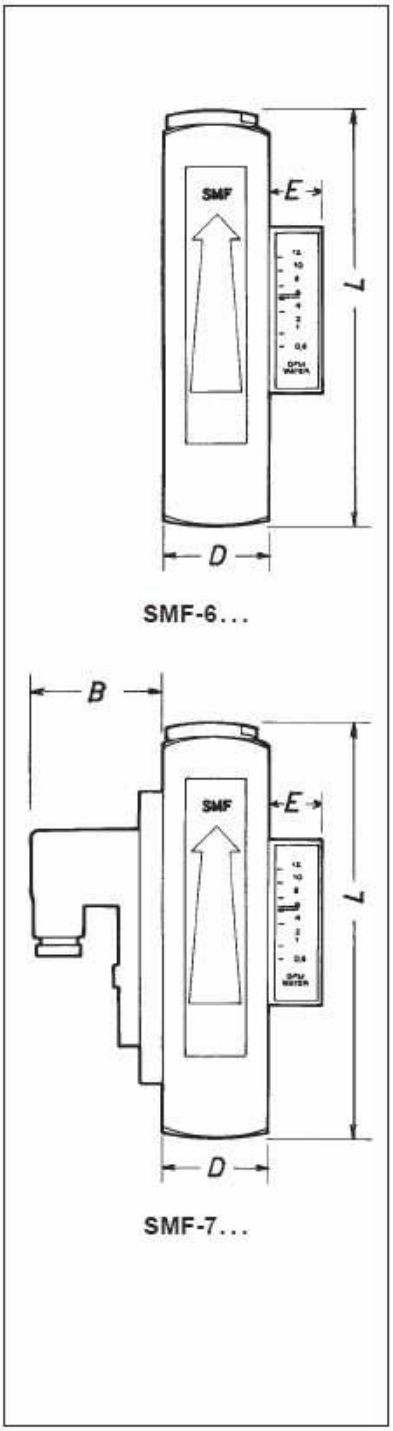


SMF-5...

Copyright 2008 Flow Network http://www.flow-network.com
Acworth, GA 30101 Phone (770) 917-0940 Fax (770) 917-8352 Email Sales@Flow-Network.com

SM - High Pressure All-Metal Flowmeter & Switch

Dimensions



SMF-6...

SMF-7...

Dimensions

ALL-METAL FLOWMETER
– Flow: bottom to top –

Order Number (Brass)	Order Number (SS)	Dimensions: Depth of thread Standard	Depth of thread Suffix "B"	D	L Standard	L Suffix "B"	B	E	Weight lbs.
SMF 6101 to SMF 6117	SMF 6201 to SMF 6217	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	–	0.87"	1.98
SMF 6119 to SMF 6120	SMF 6219 to SMF 6220	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	–	0.87"	2.02
SMF 6121	SMF 6221	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	–	0.87"	1.98
SMF 6123 to	SMF 6223	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	–	0.87"	2.02
SMF 6125 to SMF 6128	SMF 6225 to SMF 6228	0.63"	–	1.58"×1.58"	5.91"	–	–	0.87"	3.75

U.S. Patent Number. 4,567,777

ALL-METAL FLOWMETER AND SWITCH WITH 1 N/O CONTACT
– Flow: bottom to top –

Order Number (Brass)	Order Number (SS)	Dimensions: Depth of thread Standard	Depth of thread Suffix "B"	D	L Standard	L Suffix "B"	B	E	Weight lbs.
SMF 7101 to SMF 7117	SMF 7201 to SMF 7217	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	2.09"	0.87"	1.98
SMF 7119 to SMF 7120	SMF 7219 to SMF 7220	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	2.09"	0.87"	2.02
SMF 7121	SMF 7221	0.47"	0.55"	1.18"×1.18"	5.20"	5.35"	2.09"	0.87"	1.98
SMF 7123	SMF 7223	0.47"	0.55"	1.18"×1.18"	5.91"	5.91"	2.09"	0.87"	2.02
SMF 7125 to SMF 7128	SMF 7225 to SMF 7228	0.63"	–	1.58"×1.58"	5.91"	–	2.09"	0.87"	3.75

U.S. Patent Number. 4,567,777

Copyright 2008 Flow Network http://www.flow-network.com
Acworth, GA 30101 Phone (770) 917-0940 Fax (770) 917-8352 Email Sales@Flow-Network.com