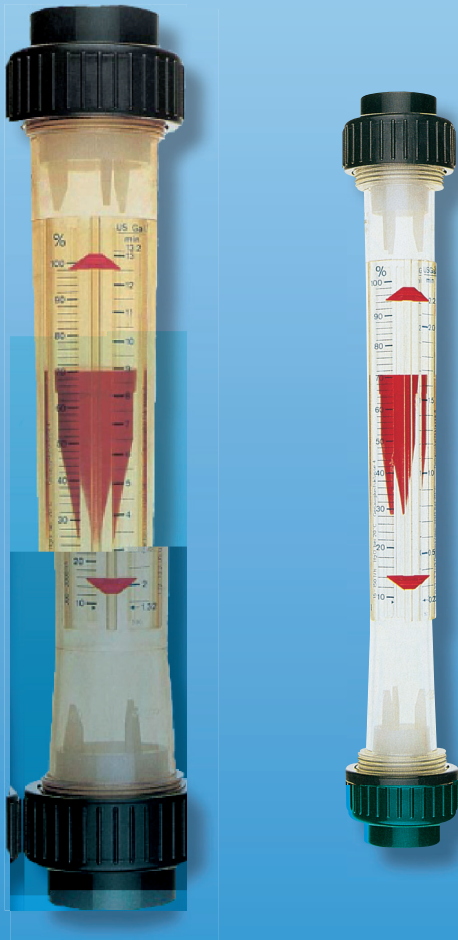


Plastic Flowmeter and Switch for Liquids and Gases



measuring
•
monitoring
•
analyzing

KSM



- $\pm 4\%$ Full Scale Accuracy
- Shock and Corrosion Resistant
- Maximum Pressure: 145 PSI
- Direct and Relative (%) Reading Scales for Water and Air
- Highly Visible Float and Adjustable Switch Available
- Large Easy-To-Read Scale



KOBOLD companies worldwide:

ARGENTINA, AUSTRIA, BELGIUM, BULGARIA, CANADA, CHILE, CHINA, COLUMBIA, CZECH REPUBLIC, EGYPT, FRANCE, GERMANY, GREAT BRITAIN, HUNGARY, INDIA, INDONESIA, ITALY, MALAYSIA, MEXICO, NETHERLANDS, PERU, POLAND, ROMANIA, SINGAPORE, SOUTH KOREA, SPAIN, SWITZERLAND, TAIWAN, THAILAND, TUNISIA, TURKEY, USA, VIETNAM

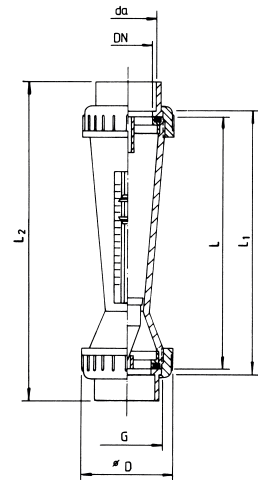
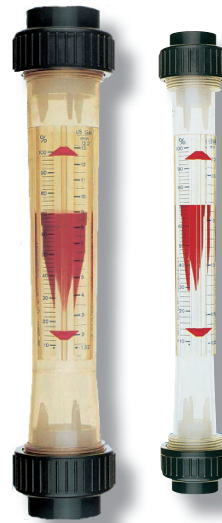
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Description

The KSM series plastic flowmeters are an excellent choice for applications measuring aggressive media. There are no metal parts in contact with the fluid. The measuring tubes are Trogamid-T® or Polysulfone, with other wetted parts made of PVDF, PVC and EPDM. The standard flow meters are equipped with a scale for water or air and a percentage scale. It has two adjustable markers, a rail for accessory switches, and a PVC glue or NPT connection with capnut. A Polysulfone measuring tube is available for very corrosive media and a Trogamid-T® tube is available for less aggressive media. Both options are rugged and shock resistant.

Specifications

- Accuracy: ±4% full scale
- Flow Media: Liquids and gases
- Mounting: Vertical, media flow bottom to top
- Max. Temperature: 140°F
- Max. Pressure: 145 PSI
- Materials:
- Measuring Tube: Trogamid® or Polysulfone
- Float: PVDF
- Float Stops: PVDF
- Fittings: PVC Glue Socket (standard)
Threaded PVC & PP (optional)
- O-Rings: EPDM (others upon request)
- Guide Rod: PVDF clad SS (KSM-xx01 only)
- Switch: Reed-contact, N/O bi-stable
Max. 230 VAC, max. 10W/
12 VA, max. 0.5 A



Dimensions (inches):

da	L	L1	L2	D
1	13.2	13.4	15.2	2.36
1	13.2	13.4	15.2	2.36
1	13.2	13.4	15.2	2.36
1.5	13.2	13.4	15.9	3.27
1.5	13.2	13.4	15.9	3.27
2	13.2	13.4	16.4	4.06
2	13.2	13.4	16.4	4.06
2.5	13.2	13.5	18.0	4.80
2.5	13.2	13.5	18.0	4.80
2.5	13.2	13.5	18.0	4.80

Order Details (Example: KSM-4005L):

Range Water [GPM]	Nominal Size [Inch]	Press. Drop Max. [PSI]	Float Material	Flowmeter with Water and % Scale		Flowmeter and Switch with Water and % Scale		Options
				Trogamid®	Polysulfone	Trogamid®	Polysulfone	Range air [SCFM] suffix L
0.06 - 0.66	1	0.26	PVDF	KSM-3001	KSM-4001	KSM-5001	KSM-6001	0.5 - 3
0.22 - 2.2	1	0.26	PVDF	KSM-3005	KSM-4005	KSM-5005	KSM-6005	1.5 - 10
0.44 - 4.4	1	0.26	PVDF	KSM-3010	KSM-4010	KSM-5010	KSM-6010	3 - 20
0.88 - 8.8	1-1/2	0.36	PVDF	KSM-3020	KSM-4020	KSM-5020	KSM-6020	5 - 40
1.32 - 13.2	1-1/2	0.36	PVDF	KSM-3030	KSM-4030	KSM-5030	KSM-6030	8 - 56
2.64 - 26.4	2	0.36	PVDF	KSM-3060	KSM-4060	KSM-5060	KSM-6060	14 - 114
5.28 - 52.8	2	0.36	PVDF	KSM-3120	KSM-4120	KSM-5120	KSM-6120	25 - 220
8.8 - 88	2-1/2	0.36	PVDF	KSM-3201	KSM-4201	KSM-5201	KSM-6201	40 - 290
13.2 - 132	2-1/2	0.36	PVDF	KSM-3301	KSM-4301	KSM-5301	KSM-6301	50 - 400
35 - 264	2-1/2	0.48	PVDF	KSM-3601	KSM-4601	KSM-5601	KSM-6601	-

Add suffix **T** for female NPT fittings
 Add suffix **R** for extra switch, models **KSM-5...** & **KSM-6...** only
 Add suffix **PT** for polypropylene threaded fittings