

PMMA-Flowmeters

KM 10, KM 11 KM 12, KM 13

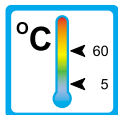
Operation

The flowmeters type KM 10 to KM 13 operate with the float measuring principle

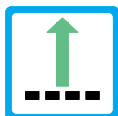


Application

The flowmeters type KM 10 to KM 13 are used for measuring volumeflow of liquid media. The types KM 10 and KM 13 also allow to adjust the flow-rate .



Areas of application for example:



- Mechanical Engineering
- Medicine technology
- Pharma industry
- Chemical industry
- Research and development

Features

The series proves itself through reliable function and easy handling. Further characteristics are:

- high accuracy ($\pm 2\%$ of full scale)
- easy to read
- Flow regulation easy to handle (KM 10 and KM 13)
- Threaded connection
Internal thread (KM 10 and KM 11)
Internal- and External thread (KM 12 and KM 13)

Installation hints

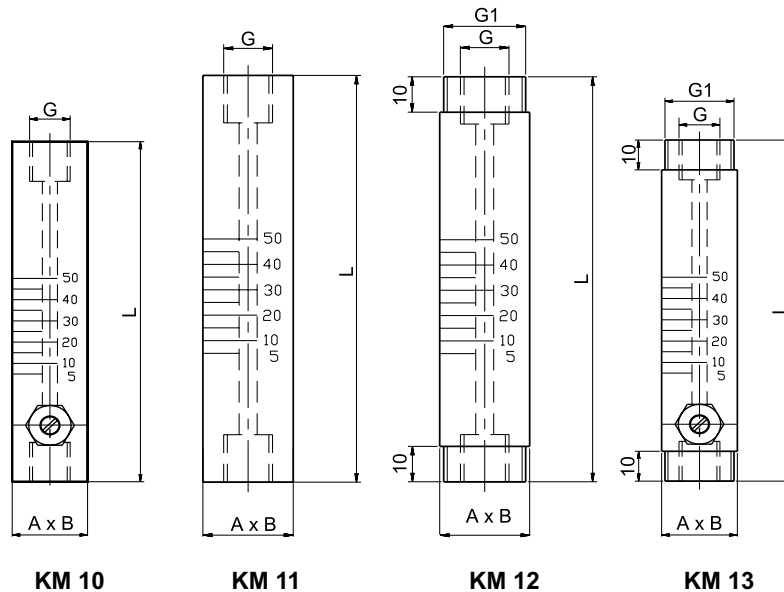
The instrument must be installed vertically in the flow circuit. The flowdirection is from bottom to top.

The flowmeter must not be used as a supporting part in a pipeconstruction!

The medium must not contain any solid particles!



Technical data



Type	Measuring range [l/h]	Overall dimensions mm			
		L	A x B	G	G1
KM 10-15	1,5 - 15	105	25 x 25	1/4"	—
KM 10-25	2,5 - 25	120	25 x 25	1/4"	—
KM 10-50	5 - 50	120	25 x 25	1/4"	—
KM 10-100	10 - 100	120	25 x 25	1/4"	—
KM 11-15	1,5 - 15	105	25 x 25	1/4"	—
KM 11-25	2,5 - 25	120	25 x 25	1/4"	—
KM 11-50	5 - 50	120	25 x 25	1/4"	—
KM 11-100	10 - 100	120	25 x 25	1/4"	—
KM 12-15	1,5 - 15	105	25 x 25	1/4"	5/8"
KM 12-25	2,5 - 25	120	25 x 25	1/4"	5/8"
KM 12-50	5 - 50	120	25 x 25	1/4"	5/8"
KM 12-100	10 - 100	120	25 x 25	1/4"	5/8"
KM 13-15	1,5 - 15	105	25 x 25	1/4"	5/8"
KM 13-25	2,5 - 25	120	25 x 25	1/4"	5/8"
KM 13-50	5 - 50	120	25 x 25	1/4"	5/8"
KM 13-100	10 - 100	120	25 x 25	1/4"	5/8"

Operating data	KM 10	KM 11	KM 12	KM 13
Operating pressure	PN 10			
Temperature range	5 °C - 60 °C			
Accuracy	± 2% of full scale			
Flow regulation	yes	no	no	yes
Material				
Housing (wetted part)	PMMA (Acrylic glass)			
Float (wetted part)	Stainless steel 1.4301			
Flow regulation	PVC, 1.4301	—	—	PVC, 1.4301

KM10 2 0001 05-04 E M

