

KYTOLA® Model VL Variable Area Flow Meter is designed for reliable measuring and monitoring of liquid and gas flows.

It comes in a range of different options and offers a choice of end blocks – aluminium, stainless steel AISI 316 or polyamide.



- For liquid or gas
- Sturdy construction
- Impact resistant flow tube
- Alarm-ready
- Scales for alternative liquids and gases

ISO 9001 ISO 14001

FLOW METER VL

FEATURES

- Large selection of materials
- Built-in flow adjustment valve and quick change flow tube
- CRN approved select models

TYPICAL APPLICATIONS

- Lubrication oil measurement
- Sealing and cooling water measurement
- Flush water applications
- Gas flow measurements

OPTIONS

- Low and high flow alarm
- Constant flow regulator
- Viton or EPDM seals
- PES flow tube

Model	VLA	VLH	VLK
End blocks	Aluminium	AISI 316	Nylon
Side plates	AISI 316	AISI 316	AISI 316
Max. pressure	440 psi (30 bar)	440 psi (30 bar)	290 psi (20 bar)
Max. temperature	175°F(80°C), *248°F(120°C)	175°F(80°C), *248°F(120°C)	175°F(80°C)
Weight	1.7 lbs (0.75 kg)	4.4 lbs (2.0 kg)	2.1 lbs (0.95 kg)
Flow tube	Grilamid (PA-12) (*PES)		
Connections	NPT 1/2" or G 1/2"		
Float	AISI 329 or AISI 329/PTFE (depending on range) Note! Other possible wetted metal parts: AISI 316		
Seals	Nitrile (*Viton®, EPDM)		
Accuracy	±5% F.S. H ₂ O, 70°F (20°C)		
*Special construction on request			

End Block Material				
Aluminium (not for H ₂ O)				A
AISI 316				H
Nylon				K
Flow Range H ₂ O		Flow Range Air		
USGPM	L/min	SCFM	NL/min	
0.1 – 0.55	0.4 – 2	0.5 – 3	15 – 75	6H
0.2 – 0.9	0.75 – 3.25	1 – 5	30 – 130	3H
0.4 – 1.4	1.5 – 5.5	1.5 – 7	40 – 180	3K
0.6 – 2.4	2 – 9	3 – 11	80 – 300	3L
0.6 – 2.6	3 – 10	3 – 12	75 – 325	3M
0.75 – 4.25	2 – 16	3 – 17	75 – 450	4N
1 – 4.5	3 – 17	4 – 20	100 – 500	4D
1 – 6.0	4 – 22	4 – 26	100 – 700	4E
1 – 8.0	5 – 30	5 – 35	150 – 900	4F
Scale				
H ₂ O L/min (20°C)				A
H ₂ O USGPM (70°F)				G
Air NL/min (20°C, 1.013 bar abs)				R
Air SCFM (70°F, 14.7 psia)				T
Relative 1–10				D
Features				
Alarm readiness				D
G connections				blank
NPT connections				N
Grilamid flow tube, nitrile seals				blank
PES flow tube, nitrile seals				V
PES flow tube, Viton® seals				W
Grilamid flow tube, Viton® seals				X
EPDM seals				Y

Standard feature: leave blank
Special feature: choose Character

NOTE: Measurements in the drawings in this datasheet are in inches (and millimeters) if not stated otherwise.

