

KYTOLA® Model VE 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.



- Sturdy construction
- Impact resistant flow tube
- Multi-tube version (1–7 tubes)
- Alarm-ready
- Scales for alternative liquids and gases

ISO 9001:2008 ISO 14001:2004

FLOW METER VE

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
- Viton or EPDM seals
- PES flow tube

Model	VEA	VEH	VEK
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. (2.00 kg)	2.1 lbs. (0.95 kg)
Valve housing	Aluminium	AISI 316	AISI 316
Valve spindle	AISI 316	AISI 316	AISI 316
Flow tube	Grilamid (PA-12) (*PES)		
Connections	BSP 1/2" or NPT 1/2"		
Float	AISI 329 or AISI 329/PTFE (depending on range)		
Seals	Nitrile (*Viton®, EPDM)		
Accuracy	±5% F.S. H ₂ O, 70°F (20°C)		

*Special construction on request

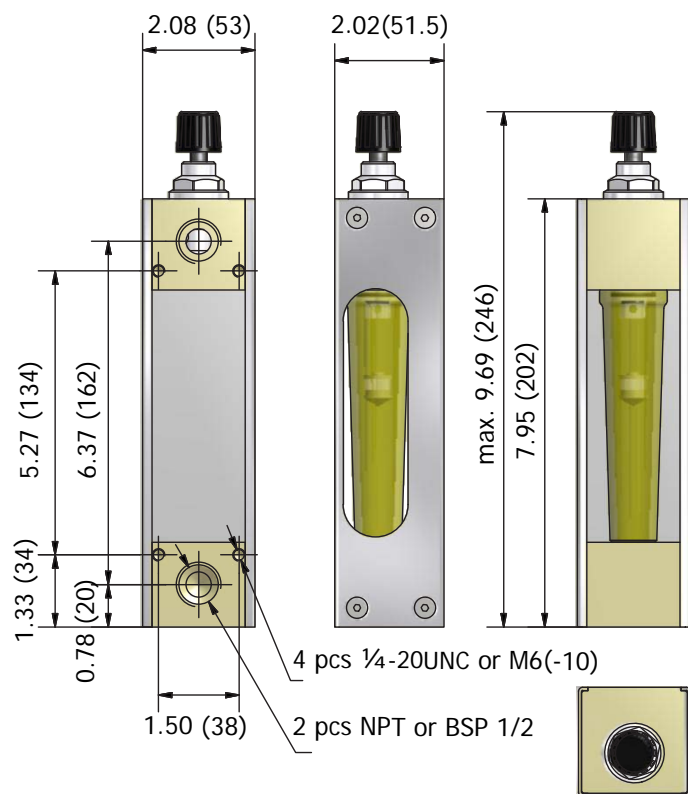
End Block Material				VE
Aluminium (not for H ₂ O)				A
AISI 316				H
Nylon				K

Flow Range H ₂ O		Flow Range Air		
USGPM	L/min	SCFM	NL/min	
0.1 – 0.5	0.4 – 2	0.5 – 2.75	15 – 70	6H*
0.2 – 0.9	0.75 – 3	1 – 5	30 – 130	3H*
0.4 – 1.4	1.5 – 5	1.5 – 6.5	40 – 170	3K*
0.6 – 2.2	2 – 9	2.5 – 10	60 – 260	3L*
0.7 – 2.6	2.5 – 10	3 – 11	75 – 300	3M*
0.75 – 3.75	2 – 15	3 – 16	75 – 400	4N*
1 – 4.5	4 – 17	4 – 18	100 – 450	4D*
1 – 5	4 – 20	4 – 24	100 – 650	4E*
1.5 – 8.0	5 – 30	5 – 27.5	150 – 700	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

Special Feature		
Alarm readiness		D
BSP 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.

* Air flow ranges (70°F/14.7 psia, 20°C/1.013 bar abs) for calibration purposes only