

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.



- For liquid or gas
- Multi-tube version (1–7 tubes)
- Impact resistant flow tube
- Sturdy construction
- 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

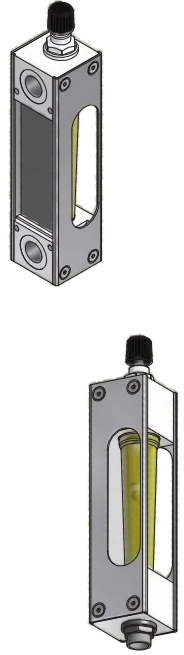
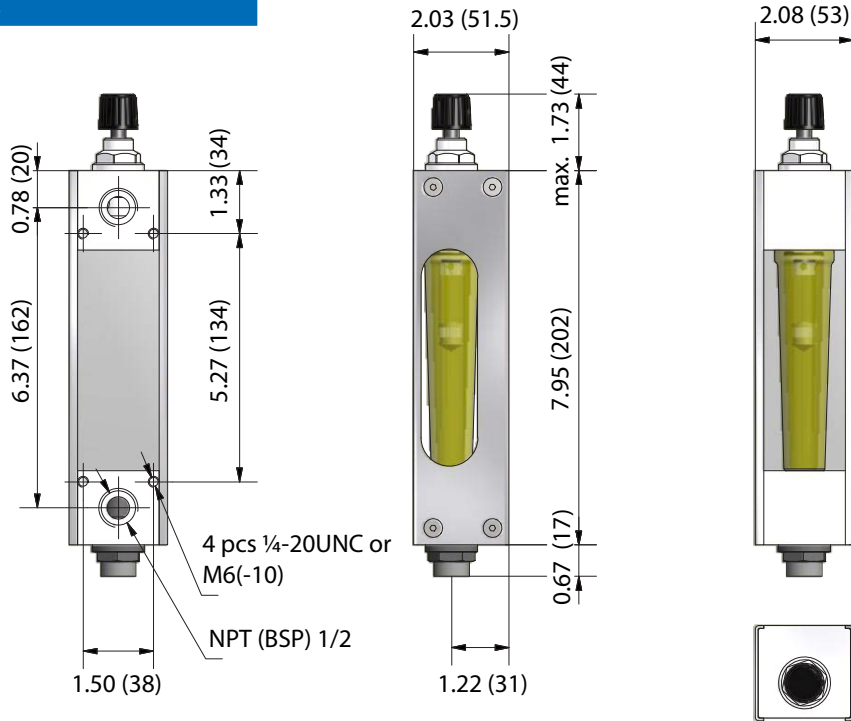
TYPICAL APPLICATIONS

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

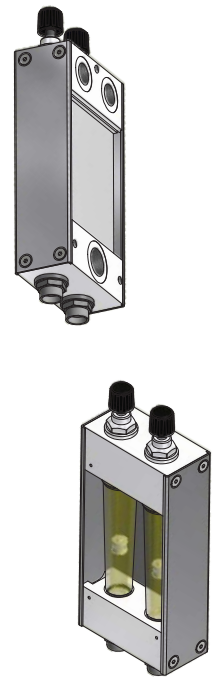
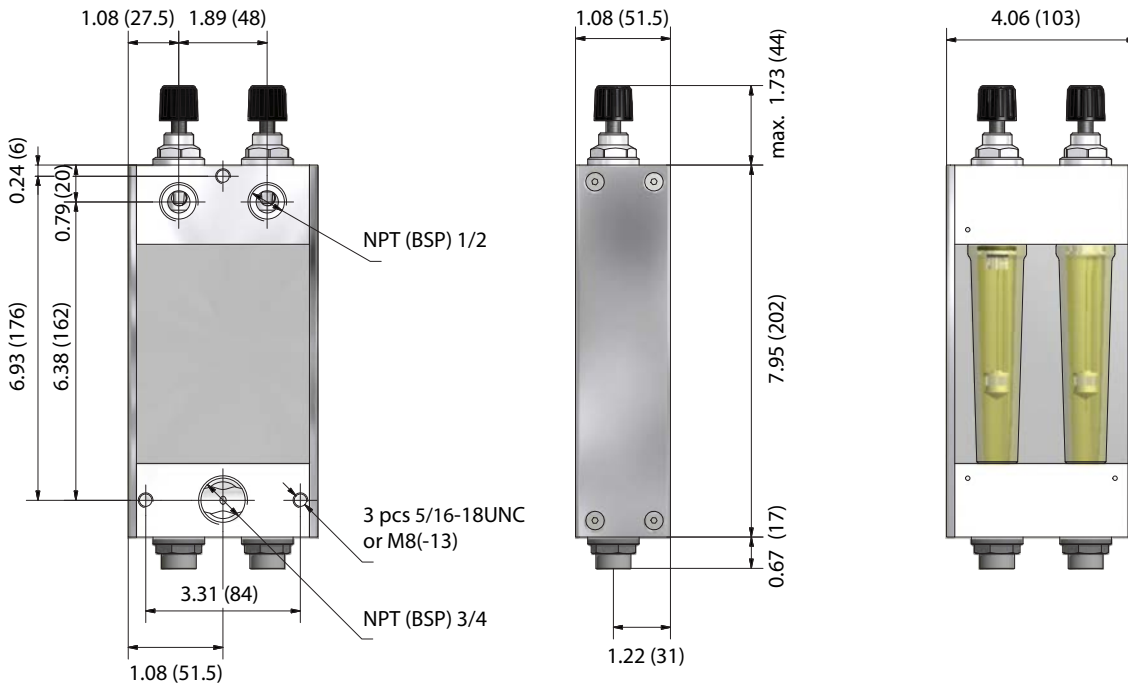
OPTIONS

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

VE



VE2



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

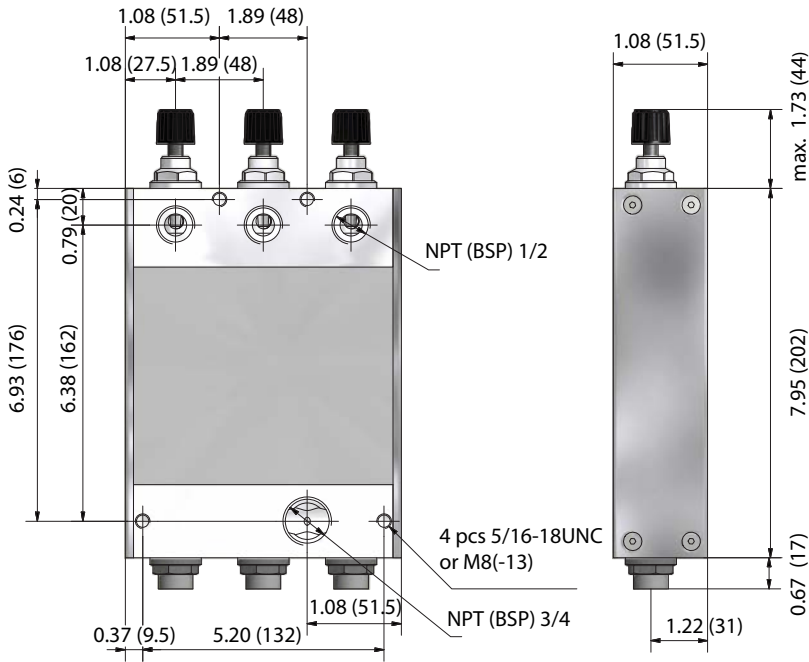
Kytola
INSTRUMENTS

www.kytola.ca



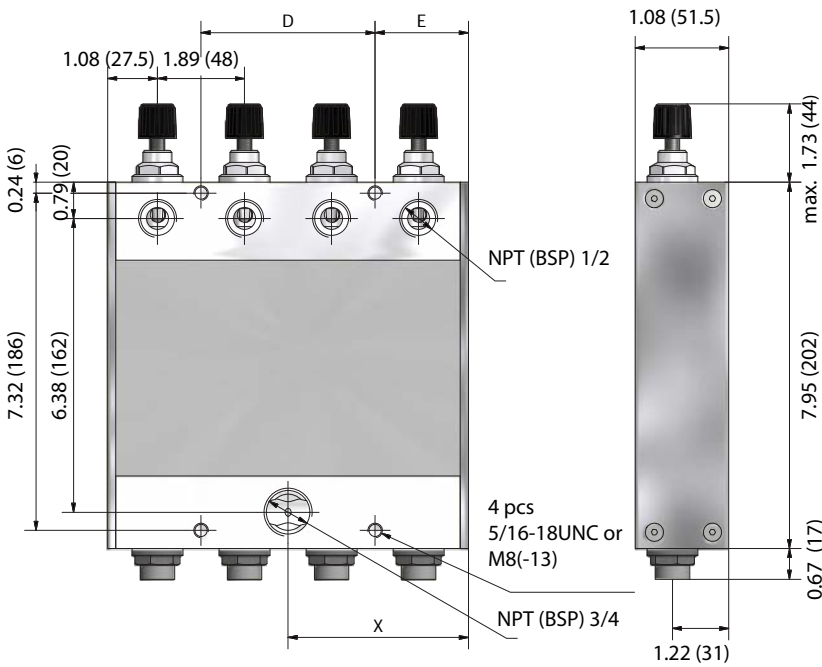
Kytola Instruments Inc.
900 Old Roswell Lakes Parkway, Suite 120
Roswell, GA 30076, USA
Tel: +1 678 701 3569
Fax: +1 514 448 5151
E-mail: flow@kytola.ca

VE3



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

VE4 (...VE7)



	VE4	VE5	VE6	VE7
L	7.83 (199)	9.72 (247)	11.61 (295)	13.50 (343)
X	3.92 (99.5)	3.92 (99.5)	5.81 (147.5)	5.81 (147.5)
D	3.78 (96)	5.67 (144)	7.56 (192)	9.45 (240)
E	2.03 (51.5)	2.03 (51.5)	2.03 (51.5)	2.03 (51.5)

Kytola
INSTRUMENTS

www.kytola.ca



Kytola Instruments Inc.
900 Old Roswell Lakes Parkway, Suite 120
Roswell, GA 30076, USA
Tel: +1 678 701 3569
Fax: +1 514 448 5151
E-mail: flow@kytola.ca

Model	VEA	VEH	VEK
Number of flow tubes	1 – 7	1 – 3	1 – 3
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 (single tube)	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

Flow Tubes		
Single tube	blank	
Number of flow tubes *	X	
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 – 0.5	0.4 – 2	0.5 – 2.75
0.2 – 0.9	0.75 – 3	1 – 5
0.4 – 1.4	1.5 – 5	1.5 – 6.5
0.6 – 2.2	2 – 9	2.5 – 10
0.7 – 2.6	2.5 – 10	3 – 11
0.75 – 3.75	2 – 15	3 – 16
1 – 4.5	4 – 17	4 – 18
1 – 5	4 – 20	4 – 24
1.5 – 8.0	5 – 30	5 – 27.5
		15 – 70
		30 – 130
		40 – 170
		60 – 260
		75 – 300
		75 – 400
		100 – 450
		100 – 650
		150 – 700
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		

* Max 7 (VExA), max 3 (VExH, VExK)



Copyright © Kytola Instruments Oy 2016. Dimensions and measurements are given within normal tolerances. Manufacturer reserves the right to changes without prior notification. File VE_es12NA_en Published 8/2016.



www.kytola.ca



Kytola Instruments Inc.
 900 Old Roswell Lakes Parkway, Suite 120
 Roswell, GA 30076, USA
 Tel: +1 678 701 3569
 Fax: +1 514 448 5151
 E-mail: flow@kytola.ca