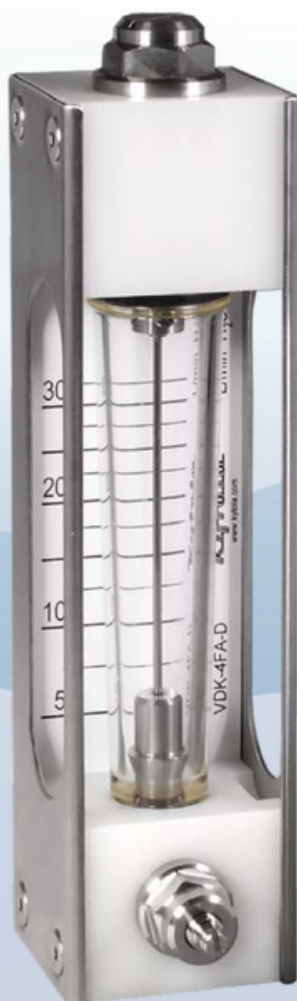


KYTOLA® Model VD Variable Area Flow Meter is designed for reliable measuring and monitoring of liquid and gas flows.

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 VD

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
- Hand knob in valve

Model	VDA	VDH	VDK
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	AISI 316	AISI 316	AISI 316
Valve spindle	AISI 316	AISI 316	AISI 316
Flow tube	Grilamid (PA-12) (*PES)		
Connections	NPT 1/2" or G 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 MaterialAluminium (not for H₂O)

AISI 316

Nylon

A
H
K**Flow Range H₂O**
USGPM L/min**Flow Range Air**
SCFM NL/min

0.1 – 0.5	0.4 – 2	0.5 – 2.75	15 – 75	6H
0.2 – 0.9	0.75 – 3	1 – 5	30 – 130	3H
0.4 – 1.4	1.25 – 5	1.5 – 7	40 – 180	3K
0.6 – 2.2	2 – 9	2.5 – 11	80 – 280	3L
0.7 – 2.6	2.5 – 10	3 – 12	75 – 325	3M
0.75 – 4	3 – 16	4 – 20	100 – 600	4N
1 – 4.5	4 – 17	5 – 25	100 – 650	4D
1 – 6.0	4 – 22	5 – 45	100 – 1100	4E
1.5 – 8.5	7.5 – 32.5	–	–	4F

ScaleH₂O L/min (20°C)H₂O USGPM (70°F)

Air NL/min (20°C, 1.013 bar abs)

Air SCFM (70°F, 14.7 psia)

Relative 1–10

A
G
R
T
D**Features**

Alarm readiness

G connections

NPT connections

Grilamid flow tube, nitrile seals

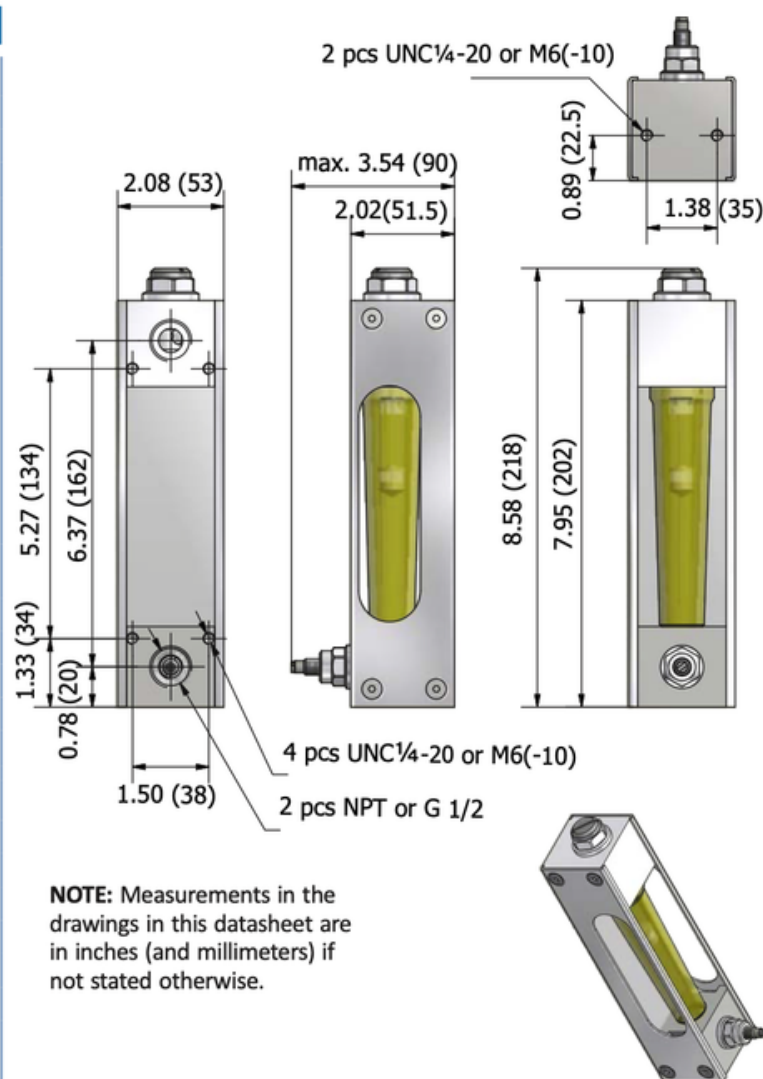
PES flow tube, nitrile seals

PES flow tube, Viton® seals

Grilamid flow tube, Viton® seals

EPDM seals

Hand knob in valve

D
blank
N
blank
V
W
X
Y
HStandard feature: leave blank
Special feature: choose Character**NOTE:** Measurements in the drawings in this datasheet are in inches (and millimeters) if not stated otherwise.