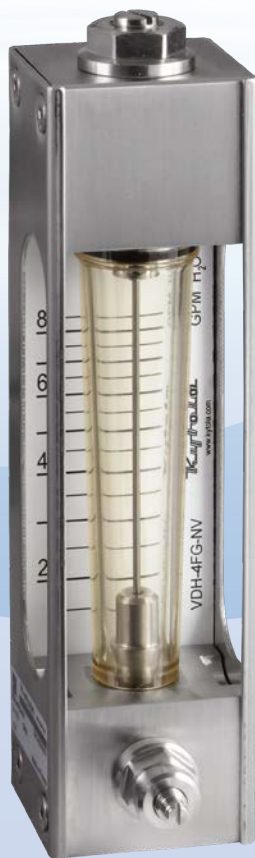


KYTOLA® Model VDH Variable Area Flow Meter is designed for reliable measuring and monitoring of liquid and gas flows.

It comes in a range of different options and has AISI 316 end blocks and side plates.



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

ISO 9001 ISO 14001



FLOW METER CRN Model VDH

FEATURES

Built-in flow adjustment valve and quick change flow tube

CRN approved model

TYPICAL APPLICATIONS

Lubrication oil measurement

Sealing and cooling water measurement

Flush water applications

Gas flow measurements

Batching and mixing of gases

OPTIONS

Low and high flow alarm

Viton or EPDM seals

PES flow tube

Hand knob in valve

Model	VDH
End blocks	AISI 316
Side plates	AISI 316
Max. pressure	266 psi (18 bar)
Max. temperature	175°F (80°C), *248°F (120°C)
Weight	4.4 lbs (2.0 kg)
Valve housing	AISI 316
Valve spindle	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

VD				
End Block Material				
AISI 316				H
Flow Range H₂O		Flow Range Air		
USGPM	L/min	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
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
Hand knob in valve				H

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.

