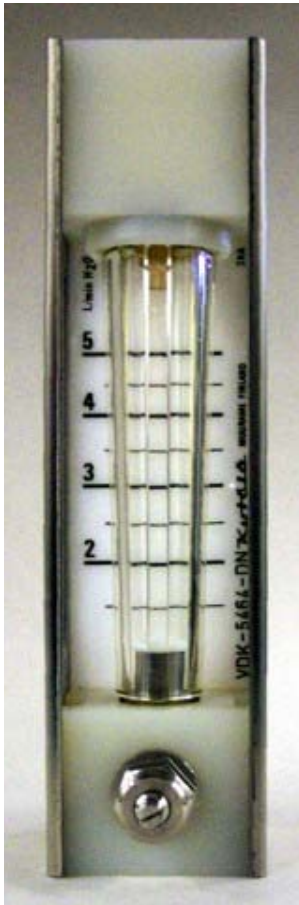


For reliable measuring and monitoring of a large range of medium-sized flows of liquids and gases including corrosive chemicals.



Applications

- Sealing and cooling water measurement
- Lubrication oil measurement
- Mixing of gases

Features

- Flow control valve on inlet
- Sturdy construction
- Large selection of flow ranges and materials
- Easy to install, clean and maintain
- Impact resistant flow tube
- Alarm ready (slotted side plates)

Options

- Inductive adjustable alarm
- Pressure gauge
- Thermometer
- Back lighting
- PES flow tube
- Viton or EPDM seals
- BSP thread
- Constant flow regulator (Model 2914)
- Calibration for non-standard gases and liquids
- Special scale markings

Technical Specifications

	VDA	VDK	VDH
Flowtube	Grilamid TR55	Grilamid TR55	Grilamid TR55
Seals	Nitrile	Nitrile	Nitrile
Float	PTFE/AISI 329 or AISI 329	PTFE/AISI 329 or AISI 329	PTFE/AISI 329 or AISI 329
Valve housing / plugs	Aluminium	AISI 316	AISI 316
Valve spindle	AISI 316	AISI 316	AISI 316
End blocks	Aluminium	Nylon	AISI 316
Side plates	AISI 316	AISI 316	AISI 316
Max. pressure	440 psi	290 psi	440 psi
Max. temperature (Grilamid)	176°F (80°C)	176°F (80°C)	176°F (80°C)
Max. temperature (PES)	248°F (120°C)	176°F (80°C)	248°F (120°C)
Connection size / thread	1/2" NPT	1/2" NPT	1/2" NPT
Accuracy	± 5% F.S. H ₂ O @ 68°F (20°C)	± 5% F.S. H ₂ O @ 68°F (20°C)	± 5% F.S. H ₂ O @ 68°F (20°C)
Weight	1.7 lb (750 g)	2.1 lb (950 g)	4.4 lb (2 kg)

Order Guide

VD	x	-	x	x	-	x	
							END BLOCK
A							Aluminium
K							Nylon
H							AISI 316
							FLOWRANGE
							WATER
							AIR
							GPM LPM SCFM NLPM
							(G) (A) (T) (R)
6H							0.5 2 2.75 75
3H							0.9 3 5 130
3K							1.4 5 7 180
3L							2.2 9 11 280
3M							2.6 10 12 325
4D							4.25 16 25 650
4E							6 22 45 1100
4F							8.5 32.5 - -
							SCALE
G							USGPM water
T							SCFM air (14.7 psig @ 70°F)
A							LPM water
R							NLPM air (101.3 kPa @ 20°C)
D							Relative scale
							OPTIONS
D							Alarm ready (slotted side plates)
N							NPT 1/2" connections
V							PES flowtube
W							PES flowtube, Viton seals
X							Viton seals
Y							EPDM seals
PW6-N							Pressurizing valve
2914-N							Constant flow regulator
2914D-N							Constant flow regulator with damper