

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 outlet
- Sturdy construction
- Large selection of flow ranges and materials
- Easy to install, clean and maintain
- Impact resistant flow tube
- Alarm ready (slotted side plates)
- Available in multi-tube version

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

	VEA	VEK	VEH
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

VE	x	x	-	x	x	-	x
MULTIPLE FLOW TUBES							
n							
Number of tubes VEA n = 2 - 7 tubes VEK, VEH n = 2 - 3 tubes							
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	70
3H				0.9	3	5	130
3K				1.4	5	6.5	170
3L				2.2	9	10	260
3M				2.6	10	11	300
4D				4.25	16	17	450
4E				5	20	24	650
4F				8	30	27.5	700
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			