

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 | | | | | | | |