

유량 지시계 (Flow Gauge)

VC Series

VC-Series 모델 선택 (Model Selection Guide)

| VC | | |
|----------------|------|-------------------------|
| MODEL | CODE | DESCRIPTION |
| VC | | FLOW GAUGE |
| Flow Direction | 1 | Bottom to Top |
| | 2 | Bottom to Top rear |
| | 3 | Bottom rear to Top |
| | 4 | Bottom rear to Top rear |
| Material | A | SS41 |
| | B | SUS304 |
| | C | SUS316 |
| | D | SUS316L |
| Option | R1 | 1-Point Alarm (Reed) |
| | R2 | 2-Point Alarm (Reed) |
| | F1 | 1-Point (Fiber) |
| | F2 | 2-Point (Fiber) |
| | GV | Control V / V |

[주1] 별도협의

◆ 개요

이 유량계는 유량계 부착 및 배관에 있어서 여러 종류의 다양한 제작 사양으로 사용자의 요구를 충족할 수 있는 형식입니다. 접속방향, 방법 또한 부품의 교환 조립등의 호환성을 고려해서 설계했으며 정도, 안전성 모두 우수한 유량계입니다.

◆ Description

This flowmeter has various options in attaching and installing, to satisfy various needs of the user. Connection direction, method, exchange of the parts and compatibility etc., were all taken into consideration when designed, and is superior in accuracy and in safety.



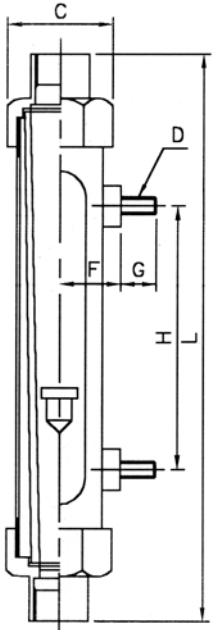
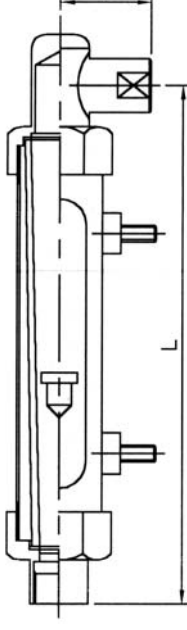
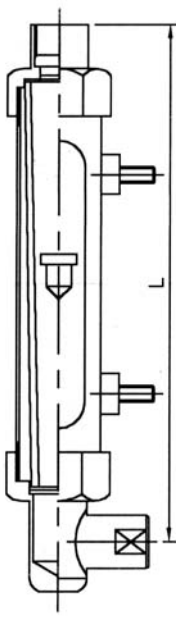
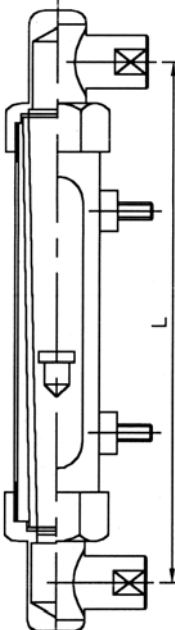
VC-1

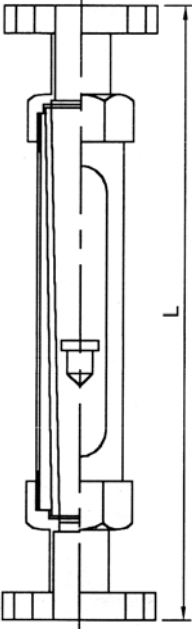
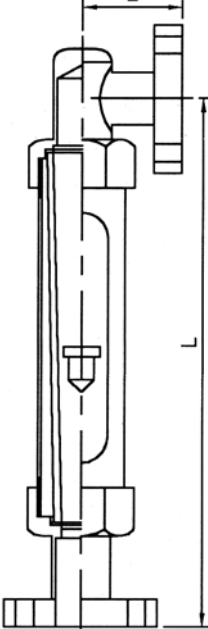
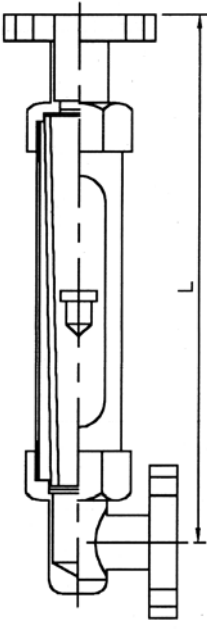
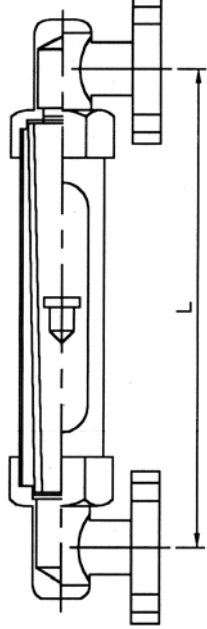
유량 지시계 (Flow Gauge)

VC – Series 유량범위 (Flow rate table)

| SIZE | | H ₂ O FLOW RATE (L/min) | | AIR FLOW RATE (NL/min) | |
|--------|----------|------------------------------------|----------------------|------------------------|-----------------------|
| | | Standard (L/min) | Maximum Flow (L/min) | Standard (NL/min) | Maximum Flow (NL/min) |
| 10A | 3/8B | 0.1 ~ 1.5 | 0.2 ~ 2.0 | 2 ~ 25 | 3 ~ 30 |
| | | | 0.2 ~ 2.5 | | 3 ~ 35 |
| | | | 0.3 ~ 3 | 4 ~ 40 | 5 ~ 50 |
| 15A | 1/2B | 0.3 ~ 3.5 | 0.4 ~ 4 | | 6 ~ 60 |
| | | | 0.5 ~ 5 | | 7 ~ 70 |
| | | | 0.6 ~ 6 | 20 ~ 200 | |
| | | | 0.6 ~ 7 | 8 ~ 80 | 10 ~ 100 |
| 20A | 3/4B | 0.8 ~ 8.0 | 2 ~ 20 | | 10 ~ 120 |
| | | | 1 ~ 10 | | 10 ~ 150 |
| 1 ~ 12 | 20 ~ 200 | | | | |
| 1 ~ 15 | 20 ~ 250 | 40 ~ 400 | | | |
| 1 ~ 17 | | 20 ~ 290 | | | |
| 4 ~ 40 | | 50 ~ 500 | | | |
| 25A | 1B | 2 ~ 20 | 2 ~ 27 | 30 ~ 300 | 30 ~ 350 |
| | | | 5 ~ 50 | | 40 ~ 400 |
| 32A | 1-1/4B | 3 ~ 30 | 3 ~ 35 | 50 ~ 500 | 80 ~ 800 |
| | | | 4 ~ 40 | | 60 ~ 600 |
| | | | 8 ~ 80 | 80 ~ 800 | 60 ~ 700 |
| 40A | 1-1/2B | 5 ~ 50 | 6 ~ 60 | | 100 ~ 1500 |
| | | | 7 ~ 70 | 100 ~ 1000 | |
| | | | 15 ~ 150 | 100 ~ 1200 | 100 ~ 1200 |
| 50A | 2B | 8 ~ 80 | 10 ~ 100 | | 100 ~ 1500 |
| | | | 10 ~ 120 | 200 ~ 2000 | |
| | | | 20 ~ 250 | 400 ~ 4000 | |
| 65A | 2-1/2B | 10 ~ 150 | 20 ~ 200 | | |
| | | | 40 ~ 400 | | |

유량 지시계 (Flow Gauge)

| | | | | |
|-------|--|--|---|--|
| |  |  |  |  |
| MODEL | VC - 1 | VC - 2 | VC - 3 | VC - 4 |
| | VC - L | VC - 2L | VC - 3L | VC - 4L |
| | VCH - 1 | VCH - 2 | VCH - 3 | VCH - 4 |
| | VCH - L | VCH - 2L | VCH - 3L | VCH - 4L |

| | | | | |
|-------|---|---|--|---|
| |  |  |  |  |
| MODEL | VF - 1 | VF - 2 | VF - 3 | VF - 4 |
| | VF - L | VF - 2L | VF - 3L | VF - 4L |

유량 지시계 (Flow Gauge)

VC – Series 표준규격 (Standard Specification)

| SIZE | V | VC | VT,VL | | V | VF | VFI, VFT | | | | | |
|------|-----|-----|-------|-----|-----|-----|----------|----|-----|----|----|-----------|
| | L | | | E | L | | | C | H | F | G | D |
| 5A | 230 | 230 | 230 | | 300 | | | 36 | 150 | 24 | 12 | M6×1.0p |
| | 390 | 390 | 490 | | 460 | | | | 300 | | | |
| 10A | 210 | 230 | 235 | 60 | 310 | 230 | 270 | 43 | 150 | 27 | 12 | M6×1.0p |
| | 400 | 390 | 395 | | 470 | 390 | 430 | | 300 | | | |
| 15A | 240 | 230 | 235 | 60 | 300 | 230 | 265 | 43 | 150 | 27 | 12 | M6×1.0p |
| | 400 | 390 | 395 | | 460 | 390 | 425 | | 300 | | | |
| 20A | 300 | 280 | 290 | 65 | 360 | 280 | 320 | 60 | 170 | 34 | 25 | M10×1.5p |
| | 430 | 410 | 420 | | 490 | 410 | 450 | | 300 | | | |
| 25A | 310 | 290 | 300 | 80 | 390 | 290 | 340 | 73 | 170 | 40 | 25 | M12×1.75p |
| | 440 | 420 | 430 | | 520 | 420 | 470 | | 300 | | | |
| 32A | 380 | 360 | 370 | 100 | 490 | 360 | | 90 | 180 | 55 | 25 | M12×1.75p |
| | 520 | 500 | 510 | | 630 | 500 | | | 300 | | | |

고압용 유량계 (High Pressure Type Micro Flow Meters)

HPVC Series

HPVC – Series 모델 선택 (Model Selection Guide)

| HPVC | | | |
|----------------|--------|--------|--------------------------|
| MODEL | CODE | | DESCRIPTION |
| HPVC |→ | | HIGH PRESSURE FLOW METER |
| Flow Direction | 1 |→ | Bottom to Top |
| Material | B |→ | SUS304 |
| | C |→ | SUS316 |
| Option | R1 |→ | 1-Point Alarm (Reed) |
| | R2 |→ | 2-Point Alarm (Reed) |

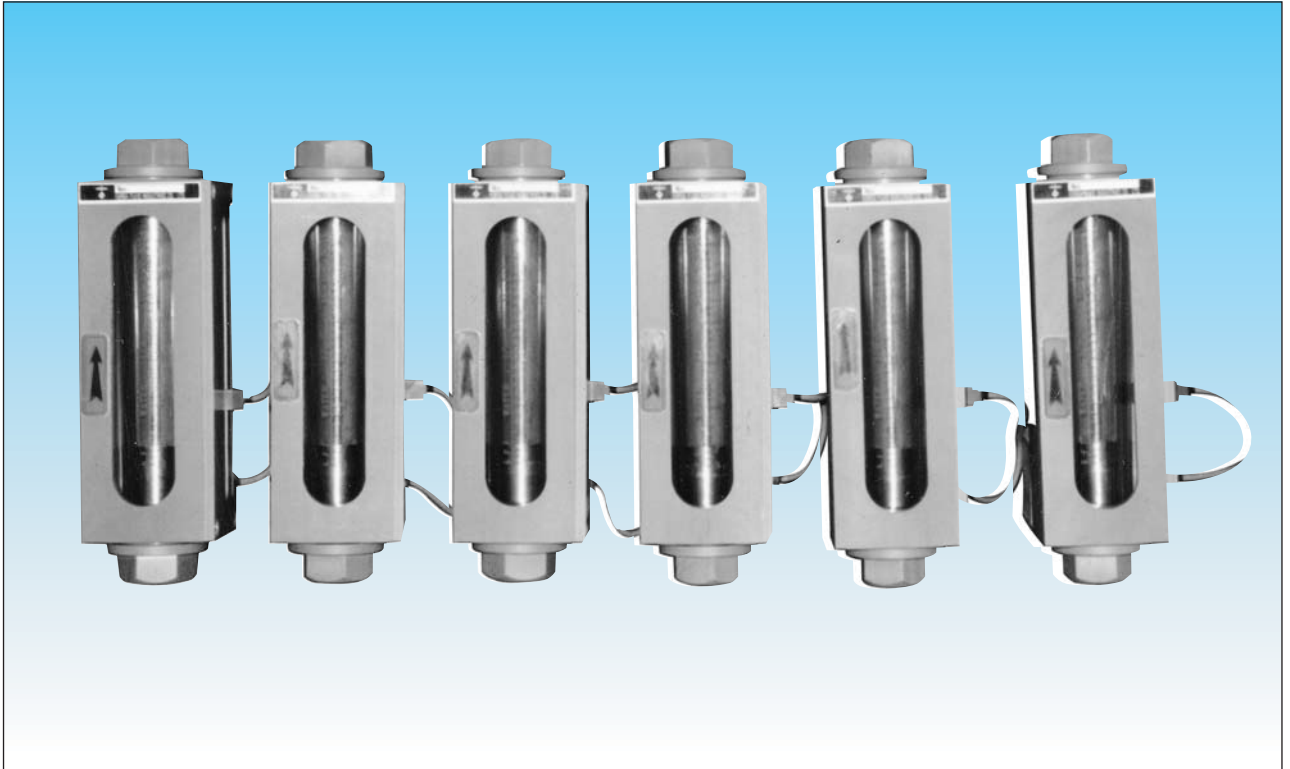


HPVC-1



HPVC-PTV

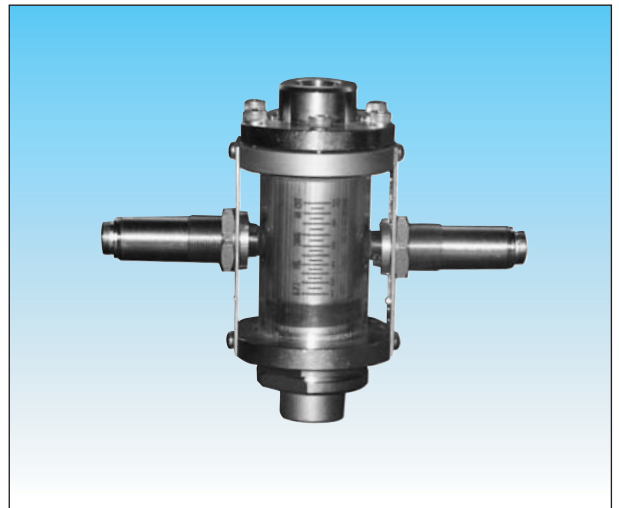
고압용 유량계 (High Pressure Type Micro Flow Meters)



HPVC-1-R1



HPVC-1-R1-F



HPVC-1-R2

◆ 개요

HPVC는 적은 유량을 측정할 수 있도록 설계된 것으로 특히 높은 압력에서 유량을 측정하고자 할 때 적합합니다. 현장지시용, 점접신호용 등 사용자의 요구에 따라 제작이 가능합니다.

◆ Description

HPVC is designed to measure small amounts of flow rate and is especially suitable to measure flow rate in high pressure. Local indicator type, contact signal type etc., are manufactured according to the user's request.

고압용 유량계 (High Pressure Type Micro Flow Meters)

◆ 재 질

테이퍼관 및 플로트 : SUS304, SUS316
패킹 : 사용유체에 따라 적용

◆ Material

* Taper tube and float : SUS 304, SUS 316
* Packing : depends on the fluid

◆ 접점 용량 및 방식

DC-24V, Read Switch 방식
상접점, 하접점 가능

◆ Contact rate and method

* DC 24V, Read switch method
* High contact, low contact possible.

◆ 성 능

정도 : $\pm 3.0\%$ of F.S
내압 : 70kg/cm²

◆ Specifications

* Accuracy : $\pm 3\%$ of F/S
* Pressure : 70kg/cm²G

◆ 접속방식

PT 3/8", PT 1/2", PT 3/4", PT 1"

◆ Contact method

* PT 3/8", PT 1/2", PT 3/4", PT 1"

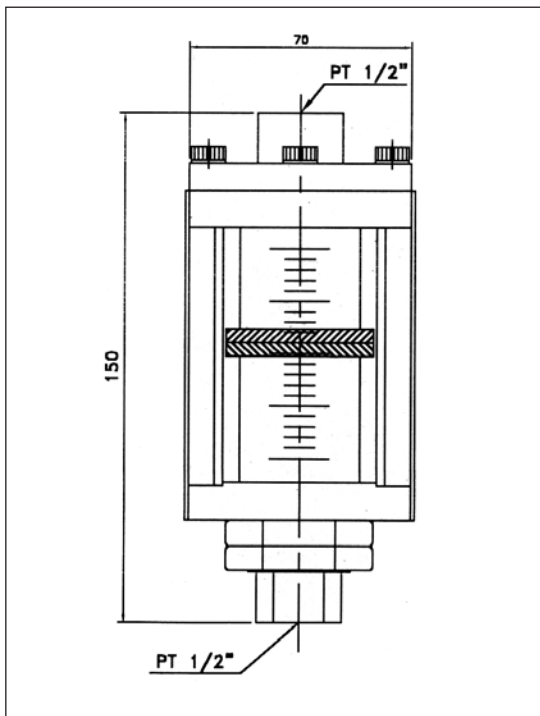
◆ 비 고

규격은 사양 및 주문자의 요구에 따라 변경 가능

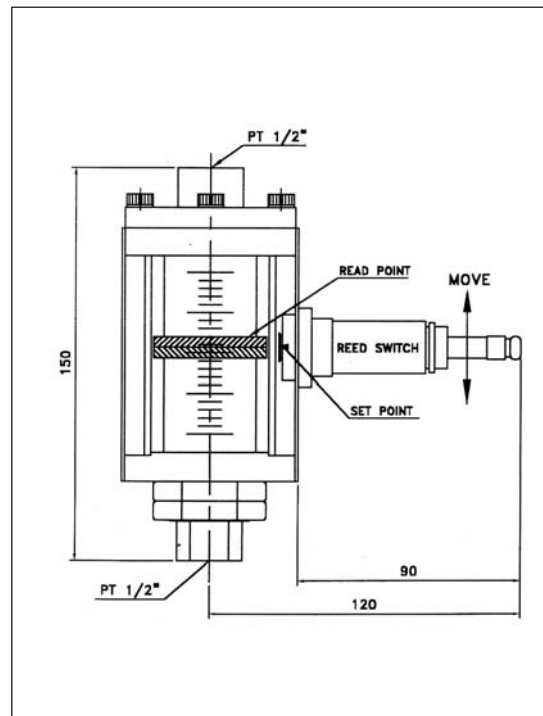
◆ Note

* Size may be changed according to the user' request

구조 (Composition) HPVC-1-A Series



현장지시용 (Local indicator type)



접점 신호용 (Contact Signal type)