C series Constant Flow Valves keep flow rate of gases or liquids even when the supply or load pressure changes. Control valve with diaphragm automatically acts following the change of pressure. They are normally delivered together with flowmeter as a "Purge set". Primary(Inlet) pressure variation control type and Secondary(Outlet) pressure variation control type are ready to meet all possible applications.

### LINEUP

<table>
<thead>
<tr>
<th>Type</th>
<th>Measuring Fluid</th>
<th>Max. Fluid Press. (MPa)</th>
<th>Max. Fluid Temp. (°C)</th>
<th>Controllable Dp range (MPa)</th>
<th>Control Accuracy (% F.S.)</th>
<th>Process connection</th>
<th>Approx. MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Gases only</td>
<td>0.7</td>
<td>120</td>
<td>0.03~0.3</td>
<td>±3</td>
<td>Rc 1/8</td>
<td>0.2</td>
</tr>
<tr>
<td>C-11</td>
<td></td>
<td></td>
<td></td>
<td>0.05~0.3</td>
<td>±5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C-12</td>
<td>Gases and liquids</td>
<td>0.8</td>
<td>120</td>
<td>0.06~0.4</td>
<td>±5</td>
<td>Rc 1/4</td>
<td>0.9</td>
</tr>
<tr>
<td>C-21</td>
<td></td>
<td>0.8</td>
<td>120</td>
<td>0.1~0.5</td>
<td>±5</td>
<td>Rc 3/8</td>
<td>2.3</td>
</tr>
<tr>
<td>C-22</td>
<td>Gases and liquids</td>
<td>0.8</td>
<td></td>
<td>0.1~0.6</td>
<td>±5</td>
<td>Rc 1/2</td>
<td>8.0</td>
</tr>
</tbody>
</table>

It is general data, and the maximum temperature may change by terms of use and environment.

### OPERATION PRINCIPLE

In the PRIMARY (INLET) PRESSURE VARIATION CONTROL TYPE, the fluid, of which inlet pressure varies, is introduced from IN to the lower chamber of the C series Constant Flow Valve. The load pressure (Secondary pressure) is connected to the upper chamber. The differential pressure between the lower chamber and the upper chamber is always constant thanks to the function of the Spring and the Diaphragm. The differential pressure across the needle valve is kept always constant and the flow rate of the fluid is proportional only to the opening of needle valve. The opposite action is taken for SECONDARY (OUTLET) PRESSURE VARIATION CONTROL TYPE and the flow rate is kept also constant even when the load pressure changes.
## APPLICATIONS

### SUPPLY PRESSURE VARIATION

As shown above, in case one large supply line branches into several lines and the supply pressure changes because of stoppage of some branches. Primary Pressure Variation type Purge set will be suitable in keeping the purging volume of fluid.

Recommended Model of Purgeset:
**CP-◻1-◻◻◻**

### LEVEL MEASUREMENT

Liquid level in tanks is measured by the Back-pressure at the edge of bubbler tube. The outlet pressure at the tank bottom changes depending on the liquid level, and constant bubbling is required. Thus, Secondary Pressure Variation type purge set is used for this application. A DP transmitter is often connected to pressure line instead of pressure gauge for remote transmission.

Recommended Model of Purgeset:
**CP-◻2-◻◻◻, CP-22-100-B**

\[ H = \frac{P}{\rho} \]

### PURGING FOR ORIFICE PLATE APPLICATION

For the measurement of flow rate of corrosive liquids and/or liquids with solids by orifice plate, an equal pressure purging both to Hi and Lo pressure parts so as not to introduce liquid and/or solids into DP Pressure lead pipe. Dual mount type purge set used.

Recommended Model of Purgeset:
**CP-221-2A**

### DENSITY MEASUREMENT

For continuous measurement of density of liquid in tanks, Air purging system is used as shown above.

\[ \rho_1 = \frac{(P_1-P_2)+\rho_2H_2}{H_1} \]

Recommended Model of Purgeset:
**CP-221-2A**
C-1 TYPE

STANDARD SPECIFICATION

MODEL IDENTIFICATION:
C-11 INLET PRESSURE VARIATION CONTROL TYPE
C-12 OUTLET PRESSURE VARIATION CONTROL TYPE

AVAILABLE FLOW RANGES:
GASES  : Max. 3L/min (nor) (Air 0°C, 0MPa)
FLUID PRESS.  : Max. 0.7MPa
FLUID TEMP.  : Max. 120°C

It is general data, and the maximum temperature may change by terms of use and environment.

Min. Required DP  : 0.03MPa (C-11)
0.05MPa (C-12)

Max. Controllable DP : 0.3MPa

CONTROL ACCURACY : ±3% (F.S.)

PROCESS CONNECTION : Rc1/8

MATERIAL CONSTRUCTION :

<table>
<thead>
<tr>
<th>PART NAME</th>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>BODY</td>
<td>SUS304</td>
</tr>
<tr>
<td></td>
<td>SUS316</td>
</tr>
<tr>
<td>DIAPHRAGM</td>
<td>Chloroprene rubber (CR)</td>
</tr>
<tr>
<td></td>
<td>Fluoro rubber</td>
</tr>
<tr>
<td>SPRING</td>
<td>SUS304</td>
</tr>
<tr>
<td></td>
<td>SUS316</td>
</tr>
<tr>
<td>SEAL</td>
<td>Nitrile rubber (NBR)</td>
</tr>
<tr>
<td></td>
<td>Fluoro rubber</td>
</tr>
</tbody>
</table>

EXAMPLES OF COMBINATION WITH FLOWMETER

INLET PRESSURE VARIATION CONTROL TYPE

CP-11-100
Possible Flow Ranges as PURGE SET
Air  Min.10~100mL/min (nor)
(0°C, 0MPa) Max.0.3~3L/min (nor)

CP-11-200
Possible Flow Ranges as PURGE SET
Air  Min.10~100mL/min (nor)
(0°C, 0MPa) Max.0.3~3L/min (nor)

OUTLET PRESSURE VARIATION CONTROL TYPE

CP-12-100
Possible Flow Ranges as PURGE SET
Air  Min.10~100mL/min (nor)
(0°C, 0MPa) Max.0.3~3L/min (nor)

CP-12-200
Possible Flow Ranges as PURGE SET
Air  Min.10~100mL/min (nor)
(0°C, 0MPa) Max.0.3~3L/min (nor)
C Series PURGE SET

C-2 TYPE

● STANDARD SPECIFICATION

MODEL IDENTIFICATION:
C-21 INLET PRESSURE VARIATION CONTROL TYPE
C-22 OUTLET PRESSURE VARIATION CONTROL TYPE

AVAILABLE FLOW RANGES:

LIQUIDS : Max. 2L/min. (Water Density 1.0g/cm³, Viscosity 1.0mPa·s)
GASES : Max. 50L/min (nor) (Air 0°C, 0MPa)
FLUID PRESS. : Max. 1MPa
FLUID TEMP. : Max. 120°C

It is general data, and the maximum temperature may change by terms of use and environment.

Min. Required DP : 0.06MPa
Max. Controllable DP : 0.4MPa
CONTROL ACCURACY : ±5%(FS.)

STANDARD PROCESS CONNECTION : Rc1/4

MATERIAL CONSTRUCTION :

<table>
<thead>
<tr>
<th>PART NAME</th>
<th>MATERIAL</th>
<th>OPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>BODY</td>
<td>SCS14</td>
<td>—</td>
</tr>
<tr>
<td>DIAPHRAGM</td>
<td>*Chloroprene rubber (CR)</td>
<td>*Fluoro rubber</td>
</tr>
<tr>
<td>SPRING</td>
<td>SUS304</td>
<td>SUS316</td>
</tr>
<tr>
<td>SEAL</td>
<td>Nitrile rubber (NBR)</td>
<td>Fluoro rubber</td>
</tr>
</tbody>
</table>

* In the C-22 type, standard material for the diaphragm is fluoro rubber.
  Chloroprene rubber (CR) is optional.

● DIMENSION OF CONSTANT FLOW VALVE UNIT

Inlet Pressure Variation Control Type

Possible Flow Ranges as PURGE SET
Water Min. 5–50mL/min.
Max. 0.4–2L/min.
Air Min. 0.1–1L/min (nor)
(0°C, 0MPa) Max. 5–50L/min (nor)

● EXAMPLES OF COMBINATION WITH FLOWMETER

INLET PRESSURE VARIATION CONTROL TYPE (Also used for OUTLET PRESSURE VARIATION in liquid applications)

CP-21-100

Possible Flow Ranges as PURGE SET
Water Min. 7–70mL/min.
Max. 0.2–2L/min.
Air Min. 0.1–1L/min (nor)
(0°C, 0MPa) Max. 5–50L/min (nor)

CP-21-200

Possible Flow Ranges as PURGE SET
Water Min. 7–70mL/min.
Max. 0.2–2L/min.
Air Min. 0.1–1L/min (nor)
(0°C, 0MPa) Max. 5–50L/min (nor)
**C Series PURGE SET**

**CP-21-400**

Possible Flow Ranges as PURGE SET

- Water: Min.7–70mL/min. Max.0.2–2L/min.
- Air: Min.0.1–1L/min (nor)
  
(0°C, 0MPa) Max.5–50L/min (nor)

**CM-21-900**

Possible Flow Ranges as PURGE SET

- Water: Min.8–40mL/min. Max.0.2–2L/min.
- Air: Min.0.2–1L/min (nor)
  
(0°C, 0MPa) Max.6–60L/min (nor)

---

**OUTLET PRESSURE VARIATION CONTROL TYPE**

**CP-22-100**

Possible Flow Ranges as PURGE SET

- Air: Min.0.1–1L/min (nor)
  
(0°C, 0MPa) Max.5–50L/min (nor)

**CP-22-200**

Possible Flow Ranges as PURGE SET

- Air: Min.0.1–1L/min (nor)
  
(0°C, 0MPa) Max.5–50L/min (nor)

**CP-22-400**

Possible Flow Ranges as PURGE SET

- Air: Min.0.1–1L/min (nor)
  
(0°C, 0MPa) Max.5–50L/min (nor)

**CM-22-900**

Possible Flow Ranges as PURGE SET

- Air: Min.0.2–1L/min (nor)
  
(0°C, 0MPa) Max.6–60L/min (nor)
C Series PURGE SET

C-3 TYPE

STANDARD SPECIFICATION

MODEL IDENTIFICATION:
C-31 INLET PRESSURE VARIATION CONTROL TYPE
C-32 OUTLET PRESSURE VARIATION CONTROL TYPE

AVAILABLE FLOW RANGES:

LIQUIDS: Max. 5L/min. (Water Density 1.0g/cm³, Viscosity 1.0mPa·s)
GASES: Max. 150L/min (nor) (Air 0°C, 0MPa)
FLUID PRESS.: Max. 0.8MPa
FLUID TEMP.: Max. 120°C

It is general data, and the maximum temperature may change by terms of use and environment.

Min. Required DP: 0.1MPa
Max. Controllable DP: 0.5MPa
CONTROL ACCURACY: ±5%(F.S.)

STANDARD PROCESS CONNECTION: Rc3/8

MATERIAL CONSTRUCTION:

<table>
<thead>
<tr>
<th>PART NAME</th>
<th>MATERIAL</th>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>BODY</td>
<td>SUS31/SUS304</td>
<td>SUS304</td>
</tr>
<tr>
<td>DIAPHRAGM</td>
<td>Chloroprene rubber (CR)</td>
<td>Fluoro rubber</td>
</tr>
<tr>
<td>SPRING</td>
<td>SUS304</td>
<td>SUS316</td>
</tr>
<tr>
<td>SEAL</td>
<td>Nitrile rubber (NBR)</td>
<td>Fluoro rubber</td>
</tr>
</tbody>
</table>

EXAMPLES OF COMBINATION WITH FLOWMETER

INLET PRESSURE VARIATION CONTROL TYPE
(Also used for OUTLET PRESSURE VARIATION in liquid applications)

CP-31-500
Possible Flow Ranges as PURGE SET
Water Min.0.2~2L/min.
Air Min.0.5~5L/min.
(0°C, 0MPa) Max.15~150L/min (nor)

CM-31-900
Possible Flow Ranges as PURGE SET
Water Min.0.2~2L/min.
Max.0.5~5L/min.
Air Min.6~60L/min (nor)
(0°C, 0MPa) Max.15~150L/min (nor)

OUTLET PRESSURE VARIATION CONTROL TYPE

CP-32-500
Possible Flow Ranges as PURGE SET
Air Min.5~50L/min (nor)
(0°C, 0MPa) Max.15~150L/min (nor)

CM-32-900
Possible Flow Ranges as PURGE SET
Air Min.6~60L/min (nor)
(0°C, 0MPa) Max.15~150L/min (nor)
C-4 TYPE

STANDARD SPECIFICATION

MODEL IDENTIFICATION:
C-41 INLET PRESSURE VARIATION CONTROL TYPE
C-42 OUTLET PRESSURE VARIATION CONTROL TYPE

AVAILABLE FLOW RANGES:

LIQUIDS: Max. 10L/min. (Water Density 1.0g/cm³, Viscosity 1.0mPa·s)
GASES: Max. 300L/min (nor) (Air 0°C, 0MPa)
FLUID PRESS.: Max. 0.8MPa
FLUID TEMP.: Max. 120°C

It is general data, and the maximum temperature may change by terms of use and environment.

Min. Required DP: 0.1MPa
Max. Controllable DP: 0.6MPa
CONTROL ACCURACY: ±5%(F.S.)

STANDARD PROCESS CONNECTION: Rc1/2

MATERIAL CONSTRUCTION:

<table>
<thead>
<tr>
<th>PART NAME</th>
<th>STANDARD</th>
<th>OPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>BODY</td>
<td>SUS304</td>
<td>SUS316</td>
</tr>
<tr>
<td>DIAPHRAGM</td>
<td>Chloroprene rubber (CR)</td>
<td>Fluoro rubber</td>
</tr>
<tr>
<td>SPRING</td>
<td>SUS304</td>
<td>SUS316</td>
</tr>
<tr>
<td>O-ring</td>
<td>Nitrile rubber (NBR)</td>
<td>Fluoro rubber</td>
</tr>
</tbody>
</table>

EXAMPLES OF COMBINATION WITH FLOWMETER

INLET PRESSURE VARIATION CONTROL TYPE
(Also used for OUTLET PRESSURE VARIATION in liquid applications)

CP-41-500
Possible Flow Ranges as PURGE SET
Water: Min.0.5~5L/min.
Air: Min.1~10L/min.

(0°C, 0MPa) Max.15~150L/min (nor)

OUTLET PRESSURE VARIATION CONTROL TYPE

CP-42-500
Possible Flow Ranges as PURGE SET
Air: Min.15~150L/min (nor)
(0°C, 0MPa) Max.30~300L/min (nor)
C Series PURGE SET

SPECIAL VERSIONS

PANEL MOUNT TYPE

● OUTLINE
This is a combination of ONE purge set, one filter regulator and inlet pressure gauge on one panel board. The necessary components for air purging are combined in one panel board that offers easy installation at site. Stable purging flow is maintained even when the secondary (load) pressure varies.

● BLOCK DIAGRAM OF SYSTEM

● STANDARD SPECIFICATION
Type : Secondary pressure variation control type
Refer to the specifications of each component.
(The maximum fluid temperature is 45°C. Models for higher fluid temperature are available as option.)

● DIMENSION

● MODEL CODE

<table>
<thead>
<tr>
<th>Model Code</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP-12</td>
<td>C-12</td>
</tr>
<tr>
<td>Constant flow valve 12</td>
<td>P-100-00</td>
</tr>
<tr>
<td>Purge meter model 1</td>
<td>P-200-00</td>
</tr>
<tr>
<td>Purge set Quantity 1</td>
<td>P-400-00</td>
</tr>
<tr>
<td>Regulator and gauge A</td>
<td>Panel or wall mount</td>
</tr>
<tr>
<td>Mounting</td>
<td>2 inch pipe</td>
</tr>
<tr>
<td>Material of gas contact part</td>
<td>A</td>
</tr>
<tr>
<td>N</td>
<td>SUS304</td>
</tr>
<tr>
<td>F</td>
<td>SUS316</td>
</tr>
<tr>
<td>Gasket</td>
<td>N</td>
</tr>
<tr>
<td></td>
<td>C</td>
</tr>
<tr>
<td>Diaphragm</td>
<td>F</td>
</tr>
<tr>
<td>Panel</td>
<td>G</td>
</tr>
<tr>
<td></td>
<td>H</td>
</tr>
<tr>
<td></td>
<td>E</td>
</tr>
<tr>
<td>Process connection type</td>
<td>R</td>
</tr>
<tr>
<td></td>
<td>N</td>
</tr>
<tr>
<td>Process connection size</td>
<td>S</td>
</tr>
<tr>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Special</td>
<td>2</td>
</tr>
</tbody>
</table>

* For Epoxy painting, specify 5/E, 4/E or 6/E.
### MODEL CODE

<table>
<thead>
<tr>
<th>Model Code</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP-22</td>
<td>C-22</td>
</tr>
<tr>
<td>Constant flow valve 22</td>
<td></td>
</tr>
<tr>
<td>Purge meter model 1</td>
<td>P-100-00</td>
</tr>
<tr>
<td>2</td>
<td>P-200-00</td>
</tr>
<tr>
<td>4</td>
<td>P-400-00</td>
</tr>
<tr>
<td>Purge set Quantity 1</td>
<td>Single</td>
</tr>
<tr>
<td>2</td>
<td>Double</td>
</tr>
<tr>
<td>Regulator and gauge A</td>
<td></td>
</tr>
<tr>
<td>Mounting X</td>
<td>Panel or wall mount</td>
</tr>
<tr>
<td>U</td>
<td>2 inch pipe</td>
</tr>
<tr>
<td>Material of gas contact part A</td>
<td>SUS304</td>
</tr>
<tr>
<td>E</td>
<td>SUS316</td>
</tr>
<tr>
<td>Gasket N</td>
<td>Nitrite rubber (NBR)</td>
</tr>
<tr>
<td>F</td>
<td>Fluoro rubber</td>
</tr>
<tr>
<td>C</td>
<td>Chloroprene rubber (CR)</td>
</tr>
<tr>
<td>Diaphragm F</td>
<td>Fluoro rubber</td>
</tr>
<tr>
<td>C</td>
<td>Chloroprene rubber (CR)</td>
</tr>
<tr>
<td>Panel S</td>
<td>SPCC</td>
</tr>
<tr>
<td>4</td>
<td>SUS304</td>
</tr>
<tr>
<td>E</td>
<td>SUS316</td>
</tr>
<tr>
<td>E</td>
<td>Epoxy painting *</td>
</tr>
<tr>
<td>Process connection type R</td>
<td>Rc</td>
</tr>
<tr>
<td>N</td>
<td>NPT</td>
</tr>
<tr>
<td>Process connection size 1</td>
<td>1/8&quot;</td>
</tr>
<tr>
<td>2</td>
<td>1/4&quot;</td>
</tr>
<tr>
<td>3</td>
<td>3/8&quot;</td>
</tr>
<tr>
<td>4</td>
<td>1/2&quot;</td>
</tr>
<tr>
<td>Special 2</td>
<td>Special</td>
</tr>
</tbody>
</table>

* For Epoxy painting, specify 3/E, 4/E or 6/E.

### DIMENSION

Wall or panel mount type CP-221-A0

U bolt installation on 2 inch pipe CP-221-AU
**SPECIAL VERSIONS**

**AIR PURGING LEVEL MEASUREMENT TYPE (With PGT Bubbler Tube) CP-22-100-B**

**OUTLINE**
CP-22-100-B unit consist of a filter regulator, inlet/outlet pressure gauges and change-over valves used for changing of measuring mode or purging mode. These components are assembled into one panel board for easy installation. This unit, together with PGT bubbler tube, serves for tank level measurement containing solids, particles and sticky liquids.

**BLOCK DIAGRAM OF SYSTEM**

**STANDARD SPECIFICATION**
- **Type**: Secondary pressure variation control type
- **Fluid**: Air
- **Supply air**: 0.3–1 MPa
- **Primary press.**: To be adjusted to 0.2 MPa
- **Secondary press.**: 0–0.15 MPa
  (This range shows the case when water level is 0 to 15000 mm)
- **Scale range**: 0.12–1.2L/min (std) (Air, 20°C, 0MPa)
- **Indication accuracy**: ±5% F.S.
- **Control accuracy**: ±5% F.S.
- **Fluid temp.**: Max. 45°C (models for higher fluid temperature are available as option.)
- **Paint color**: Munsell 7.5BG4/1.5

**MODEL CODE**

<table>
<thead>
<tr>
<th>Model Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP – 22 – 100 –</td>
<td>Single</td>
</tr>
<tr>
<td>Purge set quantity</td>
<td>8, 20</td>
</tr>
<tr>
<td>Blank</td>
<td>U, 2 inch pipe</td>
</tr>
<tr>
<td>Mounting</td>
<td>2</td>
</tr>
<tr>
<td>Material of gas contact point</td>
<td>C, 3604/SUS304, A6063</td>
</tr>
<tr>
<td>Gasket</td>
<td>N, Nitrite rubber (NBR)</td>
</tr>
<tr>
<td>Diaphragm</td>
<td>C, Chloroprene rubber (CR)</td>
</tr>
<tr>
<td>Panel</td>
<td>C, SUS316</td>
</tr>
<tr>
<td>Process connection type</td>
<td>R, Rc</td>
</tr>
<tr>
<td>Process connection size (With adaptor)</td>
<td>1/8&quot;, 1/4&quot;, 3/8&quot;, 1/2&quot;</td>
</tr>
<tr>
<td>Special</td>
<td>* For Epoxy painting, specify S/E, 4/E or 6/E.</td>
</tr>
</tbody>
</table>

**Special requirements (specify the measuring length)**
- **Type**: Secondary pressure variation control type
- **Fluid**: Air, Nitrogen and others
- **Supply pressure**: Max. 1 MPa
- **Setting press.**: 0.5 MPa or less
- **Secondary press.**: (set press. –0.4 MPa) – (set press. –0.06 MPa)
  (Control Dp range)
- **Available range (air, 0°C, 0MPa)**
  - Min.: 0.1–1 L/min (nor)
  - Max.: 5–50 L/min (nor)
- **Indication accuracy**: ±5% F.S.
- **Control accuracy**: ±5% F.S.
DIMENSION

Wall or panel mount type CP-22-100-B

U bolt installation on 2 inch pipe CP-22-100-BU

Box type CP-22-100-BZ

Dual type CP-22-100-2B

Handling Remarks attached

NL SECONDARY REGULATOR

PRIMARY BLOW MEASURE

NL SECONDARY REGULATOR

NL PRIMARY REGULATOR

SECONDARY BLOW MEASURE

190 8–∅9 48 (160) 190

4–Rc1/4 (280)

50 50 50 60

360 190 190 380

380 380 190 190

4–∅9

220

220

220

220

280

280

220

4–∅9

280

260

220

240

50

50

50

50

270

200

20

4

200

300 120

270

20

4

50

50

50

60
## C Series PURGE SET

**PTG BUBBLER TUBE**

### Pipe size
- Stainless steel material: 10, 15, 20, 25 mm
- PVC material: 18, 26 mm

### Connection of purging gas
- 

## MODEL CODE: Fixed flange (FW)

<table>
<thead>
<tr>
<th>Model Code</th>
<th>Descriptions</th>
<th>Notes</th>
</tr>
</thead>
</table>
| PGT 4 6 7 | Wetted parts material | SUS304  
SUS316  
PVC  
Special |
| Flange rating | Stainless steel material: 10A, 15A, 20A, 25A  
PVC material: 10A, 20A |
| Insertion tube length | Specify the insertion tube length in mm (a 5-digit number). Example: 03000 for 3000 mm  
Fixed flange (FW): H (Distance from the lower face of flange to pipe lower end) |

### DIMENSION

- **Stainless steel material**  
- **Fixed flange (FW)**  
- **PVC material**  
- **Fixed flange (FW)**

### MODEL CODE: Sliding flange (FS)

<table>
<thead>
<tr>
<th>Model Code</th>
<th>Descriptions</th>
<th>Notes</th>
</tr>
</thead>
</table>
| PGT 4 6 7 | Wetted parts material | SUS304  
SUS316  
PVC  
Special |
| Flange rating | Stainless steel material: 15A, 20A, 25A, 40A  
PVC material: 25A, 40A |
| Insertion tube length | Specify the insertion tube length in mm (a 5-digit number). Example: 03000 for 3000 mm  
Sliding flange (FS): H (Distance from the center of connecting Rc1/4 to pipe lower end) |

### DIMENSION

- **Stainless steel material**  
- **Sliding flange (FS)**  
- **PVC material**  
- **Sliding flange (FS)**

---

**DIMENSION**

**Fixed flange (FW)**

**Sliding flange (FS)**

---

**Notes**

- The standard is flat face (FF) flange.
- Flanges with raised face (RF) or other specifications and meter sizes are also available.
- Contact us for details.

---

**Insertion tube length**

- **H** (Distance from the lower face of flange to pipe lower end)
● OPTION DEVICES

Optional parts to measure level are available. Contact us if required.

FKC DIFFERENTIAL PRESSURE TRANSMITTER

3 WAY VALVE

* Specification is subject to change without notice.