

# VARIABLE AREA TYPE FLOW METER

## PF SERIES PLASTIC FLOWMETER

### Technical Data

**Service:** Water, waste water, air, gases, chemical process system, industrial flow system

**Measuring Range:** Refer to range table

**Accuracy:** ±3% F.S

**Scale Unit:** Liquid – LPM, LPH, GPH; Gases – NLPM, NM<sup>3</sup>/H, SCFH

**Wetted Parts Material:** Body – Polysulfone (PSU), Polycarbonate (P.C) available  
Float – PVDF, PVC, Stainless steel available

**Max. Working Pressure Limit:** 1.2 MPa (12 kg/cm<sup>2</sup>@25°C)

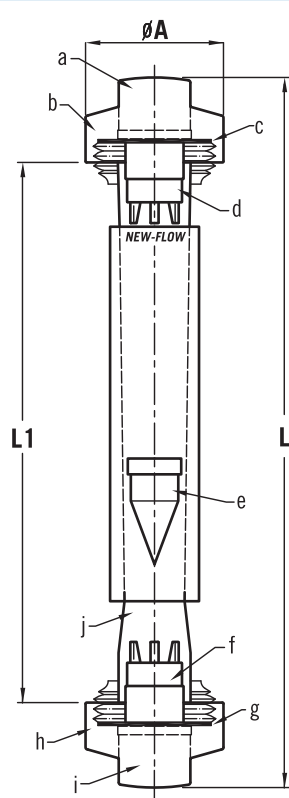
**Max. Test Pressure:** 2.0 MPa (20 kg/cm<sup>2</sup>@25°C)

**Max. Working Temperature Limit:** -10°C to 60°C (for PC body: Max. 6 bar@60°C)  
-10°C to 110°C (for Polysulfone body: Max. 1 bar@100°C)

### Approvals:



### Dimensions



unit=mm

| Flow Body Size | A  | L   | L1  |     |
|----------------|----|-----|-----|-----|
| A 1/2"         | 15 | 41  | 233 | 172 |
| B 1/2"         | 15 | 52  | 346 | 263 |
| C 3/4"         | 20 | 74  | 368 | 272 |
| D 1" & 1 1/2"  | 25 | 79  | 370 | 272 |
| E 1 1/2" & 2"  | 40 | 99  | 385 | 262 |
| F 2"           | 50 | 135 | 415 | 250 |

### Parts List Material

| Item | Parts Name         | Material           |
|------|--------------------|--------------------|
| a    | Process Connection | SS316, P.V.C, PVDF |
| b    | Union Nut          | PVC                |
| c    | O-Ring             | Viton              |
| d    | Stop Bar           | PVDF               |
| e    | Float              | PVDF               |
| f    | Stop Bar           | PVDF               |
| g    | O-Ring             | Viton              |
| h    | Union Nut          | P.V.C              |
| i    | Process Connection | SS316, P.V.C, PVDF |
| j    | Flow Tube          | PSU, P.C           |

### Ordering Range Code Table

A1 Tube – 1/2"

Fluid type: Water

| Item | Flow Range | Float Material | Flow Unit                 | Ordering Range Code       |
|------|------------|----------------|---------------------------|---------------------------|
| 1    | 4-40       | Teflon         | LPH, Litter per Hour      | PF-4~40-LPH-Water-T-A1    |
| 2    | 1-10       | Teflon         | GPH, Gallon (us) per Hour | PF-1~10-GPH-Water-T-A1    |
| 3    | 12-120     | SS316          | LPH, Litter per Hour      | PF-12~120-LPH-Water-SS-A1 |
| 4    | 3-30       | SS316          | GPH, Gallon (us) per Hour | PF-3~30-GPH-Water-SS-A1   |

Fluid type: Air

| Item | Flow Range | Float Material | Flow Unit                                       | Ordering Range Code                      |
|------|------------|----------------|---|--|
| 1    | 2.5-25     | Teflon         | NLPM, Normal Litter per Minute                  | PF-2.5~25-NLPM-Air-T-A1                  |
| 2    | 5-50       | Teflon         | SCFH, Standard Cubic Feet per Hour              | PF-5~50-SCFH-Air-T-A1                    |
| 3    | 0.15-1.5   | Teflon         | NM <sup>3</sup> /H, Normal Cubic Meter per Hour | PF-0.15~1.5-NM <sup>3</sup> /H-Air-T-A1  |
| 4    | 6-60       | SS316          | NLPM, Normal Litter per Minute                  | PF-6~60-NLPM-Air-SS-A1                   |
| 5    | 0.36-3.6   | SS316          | NM <sup>3</sup> /H, Normal Cubic Meter per Hour | PF-0.36~3.6-NM <sup>3</sup> /H-Air-SS-A1 |
| 6    | 12-120     | SS316          | SCFH, Standard Cubic Feet per Hour              | PF-12~120-SCFH-Air-SS-A1                 |

**A2 Tube–1/2"****Fluid type: Water**

| Item | Flow Range | Float Material | Flow Unit                 | Ordering Range Code       |
|------|------------|----------------|---------------------------|---------------------------|
| 1    | 6~60       | Teflon         | LPH, Litter per Hour      | PF-6~60-LPH-Water-T-A2    |
| 2    | 20~200     | SS316          | LPH, Litter per Hour      | PF-20~200-LPH-Water-SS-A2 |
| 3    | 0.1~1      | Teflon         | LPM, Litter per Minute    | PF-0.1~1-LPM-Water-T-A2   |
| 4    | 0.3~3      | SS316          | LPM, Litter per Minute    | PF-0.3~3-LPM-Water-SS-A2  |
| 5    | 5~50       | SS316          | GPH, Gallon (us) per Hour | PF-5~50-GPH-Water-SS-A2   |

**Fluid type: Air**

| Item | Flow Range | Float Material | Flow Unit                                       | Ordering Range Code                   |
|------|------------|----------------|---|---------------------------------------|
| 1    | 10~100     | SS316          | NLPM, Normal Litter per Minute                  | PF-10~100-NLPM-Air-SS-A2              |
| 2    | 0.6~6      | SS316          | NM <sup>3</sup> /H, Normal Cubic Meter per Hour | PF-0.6~6-NM <sup>3</sup> /H-Air-SS-A2 |
| 3    | 20~200     | SS316          | SCFH, Standard Cubic Feet per Hour              | PF-20~200-SCFH-Air-SS-A2              |

**A3 Tube–1/2"****Fluid type: Water**

| Item | Flow Range | Float Material | Flow Unit                 | Ordering Range Code       |
|------|------------|----------------|---------------------------|---------------------------|
| 1    | 10~100     | Teflon         | LPH, Litter per Hour      | PF-10~100-LPH-Water-T-A3  |
| 2    | 30~300     | SS316          | LPH, Litter per Hour      | PF-30~300-LPH-Water-SS-A3 |
| 3    | 2.5~25     | Teflon         | GPH, Gallon (us) per Hour | PF-2.5~25-GPH-Water-T-A3  |
| 4    | 0.5~5      | SS316          | LPM, Litter per Minute    | PF-0.5~5-LPM-Water-SS-A3  |
| 5    | 8~80       | SS316          | GPH, Gallon (us) per Hour | PF-8~80-GPH-Water-SS-A3   |

**Fluid type: Air**

| Item | Flow Range | Float Material | Flow Unit                                       | Ordering Range Code                   |
|------|------------|----------------|---|---------------------------------------|
| 1    | 12~120     | SS316          | NLPM, Normal Litter per Minute                  | PF-12~120-NLPM-Air-SS-A3              |
| 2    | 0.8~8      | SS316          | NM <sup>3</sup> /H, Normal Cubic Meter per Hour | PF-0.8~8-NM <sup>3</sup> /H-Air-SS-A3 |
| 3    | 30~300     | SS316          | SCFH, Standard Cubic Feet per Hour              | PF-30~300-SCFH-Air-SS-A3              |

**B1 Tube–1/2"****Fluid type: Water**

| Item | Flow Range | Float Material | Flow Unit                 | Ordering Range Code       |
|------|------------|----------------|---------------------------|---------------------------|
| 1    | 10~100     | Teflon         | LPH, Litter per Hour      | PF-10~100-LPH-Water-T-B1  |
| 2    | 2.5~25     | Teflon         | GPH, Gallon (us) per Hour | PF-2.5~25-GPH-Water-T-B1  |
| 3    | 35~350     | SS316          | LPH, Litter per Hour      | PF-35~350-LPH-Water-SS-B1 |
| 4    | 10~90      | SS316          | GPH, Gallon (us) per Hour | PF-10~90-GPH-Water-SS-B1  |
| 5    | 0.6~6      | SS316          | LPM, Litter per Minute    | PF-0.6~6-LPM-Water-SS-B1  |

**Fluid type: Air**

| Item | Flow Range | Float Material | Flow Unit                                       | Ordering Range Code                    |
|------|------------|----------------|---|--|
| 1    | 8~80       | Teflon         | NLPM, Normal Litter per Minute                  | PF-8~80-NLPM-Air-T-B1                  |
| 2    | 0.5~5      | Teflon         | NM <sup>3</sup> /H, Normal Cubic Meter per Hour | PF-0.5~5-NM <sup>3</sup> /H-Air-T-B1   |
| 3    | 18~180     | Teflon         | SCFH, Standard Cubic Feet per Hour              | PF-18~180-SCFH-Air-T-B1                |
| 4    | 20~200     | SS316          | NLPM, Normal Litter per Minute                  | PF-20~200-NLPM-Air-SS-B1               |
| 5    | 40~400     | SS316          | SCFH, Standard Cubic Feet per Hour              | PF-40~400-SCFH-Air-SS-B1               |
| 6    | 1.2~12     | SS316          | NM <sup>3</sup> /H, Normal Cubic Meter per Hour | PF-1.2~12-NM <sup>3</sup> /H-Air-SS-B1 |

**B2 Tube–1/2"****Fluid type: Water**

| Item | Flow Range | Float Material | Flow Unit                 | Ordering Range Code       |
|------|------------|----------------|---------------------------|---------------------------|
| 1    | 18~180     | Teflon         | LPH, Litter per Hour      | PF-18~180-LPH-Water-T-B2  |
| 2    | 0.3~3      | Teflon         | LPM, Litter per Minute    | PF-0.3~3-LPM-Water-T-B2   |
| 3    | 5~50       | Teflon         | GPH, Gallon (us) per Hour | PF-5~50-GPH-Water-T-B2    |
| 4    | 60~600     | SS316          | LPH, Litter per Hour      | PF-60~600-LPH-Water-SS-B2 |
| 5    | 1~10       | SS316          | LPM, Litter per Minute    | PF-1~10-LPM-Water-SS-B2   |
| 6    | 16~160     | SS316          | GPH, Gallon (us) per Hour | PF-16~160-GPH-Water-SS-B2 |

**B2 Tube—1/2"**  
**Fluid type: Air**

| Item | Flow Range | Float Material | Flow Unit                                       | Ordering Range Code                  |
|------|------------|----------------|---|--------------------------------------|
| 1    | 13~130     | Teflon         | NLPM, Normal Litter per Minute                  | PF-13~130-NLPM-Air-T-B2              |
| 2    | 30~280     | Teflon         | SCFH, Standard Cubic Feet per Hour              | PF-30~280-SCFH-Air-T-B2              |
| 3    | 0.8~8      | Teflon         | NM <sup>3</sup> /H, Normal Cubic Meter per Hour | PF-0.8~8-NM <sup>3</sup> /H-Air-T-B2 |
| 4    | 50~300     | SS316          | NLPM, Normal Litter per Minute                  | PF-50~300-NLPM-Air-SS-B2             |
| 5    | 100~600    | SS316          | SCFH, Standard Cubic Feet per Hour              | PF-100~600-SCFH-Air-SS-B2            |
| 6    | 3~18       | SS316          | NM <sup>3</sup> /H, Normal Cubic Meter per Hour | PF-3~18-NM <sup>3</sup> /H-Air-SS-B2 |

**B3 Tube—1/2"**  
**Fluid type: Water**

| Item | Flow Range | Float Material | Flow Unit                               | Ordering Range Code                    |
|------|------------|----------------|---|--|
| 1    | 30~300     | Teflon         | LPH, Litter per Hour                    | PF-30~300-LPH-Water-T-B3               |
| 2    | 0.5~5      | Teflon         | LPM, Litter per Minute                  | PF-0.5~5-LPM-Water-T-B3                |
| 3    | 8~80       | Teflon         | GPH, Gallon (us) per Hour               | PF-8~80-GPH-Water-T-B3                 |
| 4    | 100~1000   | SS316          | LPH, Litter per Hour                    | PF-100~1000-LPH-Water-SS-B3            |
| 5    | 1.5~15     | SS316          | LPM, Litter per Minute                  | PF-1.5~15-LPM-Water-SS-B3              |
| 6    | 30~250     | SS316          | GPH, Gallon (us) per Hour               | PF-30~250-GPH-Water-SS-B3              |
| 7    | 0.4~4      | SS316          | GPM, Gallon (us) per Minute             | PF-0.4~4-GPM-Water-SS-B3               |
| 8    | 0.1~1      | SS316          | M <sup>3</sup> /H, Cubic Meter per Hour | PF-0.1~1-M <sup>3</sup> /H-Water-SS-B3 |

**Fluid type: Air**

| Item | Flow Range | Float Material | Flow Unit                                       | Ordering Range Code                   |
|------|------------|----------------|---|---------------------------------------|
| 1    | 20~200     | Teflon         | NLPM, Normal Litter per Minute                  | PF-20~200-NLPM-Air-T-B3               |
| 2    | 40~400     | Teflon         | SCFH, Standard Cubic Feet per Hour              | PF-40~400-SCFH-Air-T-B3               |
| 3    | 1.2~12     | Teflon         | NM <sup>3</sup> /H, Normal Cubic Meter per Hour | PF-1.2~12-NM <sup>3</sup> /H-Air-T-B3 |
| 4    | 40~400     | SS316          | NLPM, Normal Litter per Minute                  | PF-40~400-NLPM-Air-SS-B3              |
| 5    | 100~1000   | SS316          | SCFH, Standard Cubic Feet per Hour              | PF-100~1000-SCFH-Air-SS-B3            |
| 6    | 3~25       | SS316          | NM <sup>3</sup> /H, Normal Cubic Meter per Hour | PF-3~25-NM <sup>3</sup> /H-Air-SS-B3  |

**C1 Tube—3/4"**  
**Fluid type: Water**

| Item | Flow Range | Float Material | Flow Unit                               | Ordering Range Code                       |
|------|------------|----------------|---|---|
| 1    | 2.5~25     | SS316          | LPM, Litter per Minute                  | PF-2.5~25-LPM-Water-SS-C1                 |
| 2    | 0.16~1.6   | SS316          | M <sup>3</sup> /H, Cubic Meter per Hour | PF-0.16~1.6-M <sup>3</sup> /H-Water-SS-C1 |
| 3    | 160~1600   | SS316          | LPH, Litter per Hour                    | PF-160~1600-LPH-Water-SS-C1               |
| 4    | 40~400     | SS316          | GPH, Gallon (us) per Hour               | PF-40~400-GPH-Water-SS-C1                 |
| 5    | 0.6~6      | SS316          | GPM, Gallon (us) per Minute             | PF-0.6~6-GPM-Water-SS-C1                  |
| 6    | 60~600     | Teflon         | LPH, Litter per Hour                    | PF-60~600-LPH-Water-T-C1                  |
| 7    | 1~10       | Teflon         | LPM, Litter per Minute                  | PF-1~10-LPM-Water-T-C1                    |
| 8    | 16~160     | Teflon         | GPH, Gallon (us) per Hour               | PF-16~160-GPH-Water-T-C1                  |
| 9    | 0.25~2.5   | Teflon         | GPM, Gallon (us) per Minute             | PF-0.25~2.5-GPM-Water-T-C1                |

**Fluid type: Air**

| Item | Flow Range | Float Material | Flow Unit                                       | Ordering Range Code                   |
|------|------------|----------------|---|---------------------------------------|
| 1    | 70~700     | SS316          | NLPM, Normal Litter per Minute                  | PF-70~700-NLPM-Air-SS-C1              |
| 2    | 150~1500   | SS316          | SCFH, Standard Cubic Feet per Hour              | PF-150~1500-SCFH-Air-SS-C1            |
| 3    | 4~40       | SS316          | NM <sup>3</sup> /H, Normal Cubic Meter per Hour | PF-4~40-NM <sup>3</sup> /H-Air-SS-C1  |
| 4    | 2.5~25     | SS316          | SCFM, Standard Cubic Feet per Minute            | PF-2.5~25-SCFM-Air-SS-C1              |
| 5    | 40~400     | Teflon         | NLPM, Normal Litter per Minute                  | PF-40~400-NLPM-Air-T-C1               |
| 6    | 80~800     | Teflon         | SCFH, Standard Cubic Feet per Hour              | PF-80~800-SCFH-Air-T-C1               |
| 7    | 2.4~24     | Teflon         | NM <sup>3</sup> /H, Normal Cubic Meter per Hour | PF-2.4~24-NM <sup>3</sup> /H-Air-T-C1 |
| 8    | 1.4~14     | Teflon         | SCFM, Standard Cubic Feet per Minute            | PF-1.4~14-SCFM-Air-T-C1               |

**C2 Tube–3/4"****Fluid type: Water**

| Item | Flow Range | Float Material | Flow Unit                               | Ordering Range Code                       |
|------|------------|----------------|---|---|
| 1    | 4~40       | SS316          | LPM, Litter per Minute                  | PF-4~40-LPM-Water-SS-C2                   |
| 2    | 0.25~2.5   | SS316          | M <sup>3</sup> /H, Cubic Meter per Hour | PF-0.25~2.5-M <sup>3</sup> /H-Water-SS-C2 |
| 3    | 60~600     | SS316          | GPH, Gallon (us) per Hour               | PF-60~600-GPH-Water-SS-C2                 |
| 4    | 1~10       | SS316          | GPM, Gallon (us) per Minute             | PF-1~10-GPM-Water-SS-C2                   |
| 5    | 80~800     | Teflon         | LPH, Litter per Hour                    | PF-80~800-LPH-Water-T-C2                  |
| 6    | 1.4~14     | Teflon         | LPM, Litter per Minute                  | PF-1.4~14-LPM-Water-T-C2                  |
| 7    | 20~200     | Teflon         | GPH, Gallon (us) per Hour               | PF-20~200-GPH-Water-T-C2                  |
| 8    | 0.3~3      | Teflon         | GPM, Gallon (us) per Minute             | PF-0.3~3-GPM-Water-T-C2                   |

**Fluid type: Air**

| Item | Flow Range | Float Material | Flow Unit                                       | Ordering Range Code                  |
|------|------------|----------------|---|--------------------------------------|
| 1    | 100~1000   | SS316          | NLPM, Normal Litter per Minute                  | PF-100~1000-NLPM-Air-SS-C2           |
| 2    | 6~60       | SS316          | NM <sup>3</sup> /H, Normal Cubic Meter per Hour | PF-6~60-NM <sup>3</sup> /H-Air-SS-C2 |
| 3    | 4~40       | SS316          | SCFM, Standard Cubic Feet per Minute            | PF-4~40-SCFM-Air-SS-C2               |
| 4    | 60~500     | Teflon         | NLPM, Normal Litter per Minute                  | PF-60~500-NLPM-Air-T-C2              |
| 5    | 3~30       | Teflon         | NM <sup>3</sup> /H, Normal Cubic Meter per Hour | PF-3~30-NM <sup>3</sup> /H-Air-T-C2  |
| 6    | 2~18       | Teflon         | SCFM, Standard Cubic Feet per Minute            | PF-2~18-SCFM-Air-T-C2                |

**D1 Tube–1" & 1½"****Fluid type: Water**

| Item | Flow Range | Float Material | Flow Unit                               | Ordering Range Code                       |
|------|------------|----------------|---|---|
| 1    | 1.5~15     | SS316          | GPM, Gallon (us) per Minute             | PF-1.5~15-GPM-Water-SS-D1                 |
| 2    | 6~60       | SS316          | LPM, Litter per Minute                  | PF-6~60-LPM-Water-SS-D1                   |
| 3    | 0.35~3.5   | SS316          | M <sup>3</sup> /H, Cubic Meter per Hour | PF-0.35~3.5-M <sup>3</sup> /H-Water-SS-D1 |
| 4    | 0.6~6      | Teflon         | GPM, Gallon (us) per Minute             | PF-0.6~6-GPM-Water-T-D1                   |
| 5    | 2.5~25     | Teflon         | LPM, Litter per Minute                  | PF-2.5~25-LPM-Water-T-D1                  |
| 6    | 0.15~1.5   | Teflon         | M <sup>3</sup> /H, Cubic Meter per Hour | PF-0.15~1.5-M <sup>3</sup> /H-Water-T-D1  |

**Fluid type: Air**

| Item | Flow Range | Float Material | Flow Unit                                       | Ordering Range Code                    |
|------|------------|----------------|---|--|
| 1    | 200~1800   | SS316          | NLPM, Normal Litter per Minute                  | PF-200~1800-NLPM-Air-SS-D1             |
| 2    | 6~60       | SS316          | SCFM, Standard Cubic Feet per Minute            | PF-6~60-SCFM-Air-SS-D1                 |
| 3    | 10~100     | SS316          | NM <sup>3</sup> /H, Normal Cubic Meter per Hour | PF-10~100-NM <sup>3</sup> /H-Air-SS-D1 |
| 4    | 100~1000   | Teflon         | NLPM, Normal Litter per Minute                  | PF-100~1000-NLPM-Air-T-D1              |
| 5    | 3.5~35     | Teflon         | SCFM, Standard Cubic Feet per Minute            | PF-3.5~35-SCFM-Air-T-D1                |
| 6    | 6~60       | Teflon         | NM <sup>3</sup> /H, Normal Cubic Meter per Hour | PF-6~60-NM <sup>3</sup> /H-Air-T-D1    |

**D2 Tube–1" & 1½"****Fluid type: Water**

| Item | Flow Range | Float Material | Flow Unit                               | Ordering Range Code                     |
|------|------------|----------------|---|---|
| 1    | 2~20       | SS316          | GPM, Gallon (us) per Minute             | PF-2~20-GPM-Water-SS-D2                 |
| 2    | 8~80       | SS316          | LPM, Litter per Minute                  | PF-8~80-LPM-Water-SS-D2                 |
| 3    | 0.5~5      | SS316          | M <sup>3</sup> /H, Cubic Meter per Hour | PF-0.5~5-M <sup>3</sup> /H-Water-SS-D2  |
| 4    | 1~10       | Teflon         | GPM, Gallon (us) per Minute             | PF-1~10-GPM-Water-T-D2                  |
| 5    | 3.5~35     | Teflon         | LPM, Litter per Minute                  | PF-3.5~35-LPM-Water-T-D2                |
| 6    | 0.2~2.2    | Teflon         | M <sup>3</sup> /H, Cubic Meter per Hour | PF-0.2~2.2-M <sup>3</sup> /H-Water-T-D2 |

**Fluid type: Air**

| Item | Flow Range | Float Material | Flow Unit                                       | Ordering Range Code                    |
|------|------------|----------------|---|--|
| 1    | 250~2500   | SS316          | NLPM, Normal Litter per Minute                  | PF-250~2500-NLPM-Air-SS-D2             |
| 2    | 10~80      | SS316          | SCFM, Standard Cubic Feet per Minute            | PF-10~80-SCFM-Air-SS-D2                |
| 3    | 15~150     | SS316          | NM <sup>3</sup> /H, Normal Cubic Meter per Hour | PF-15~150-NM <sup>3</sup> /H-Air-SS-D2 |
| 4    | 140~1400   | Teflon         | NLPM, Normal Litter per Minute                  | PF-140~1400-NLPM-Air-T-D2              |
| 5    | 5~50       | Teflon         | SCFM, Standard Cubic Feet per Minute            | PF-5~50-SCFM-Air-T-D2                  |
| 6    | 8~80       | Teflon         | NM <sup>3</sup> /H, Normal Cubic Meter per Hour | PF-8~80-NM <sup>3</sup> /H-Air-T-D2    |

**E1 Tube—1½" & 2"**

Fluid type: Water

| Item | Flow Range | Float Material | Flow Unit                   | Ordering Range Code        |
|------|------------|----------------|-----------------------------|----------------------------|
| 1    | 3.5~35     | SS316          | GPM, Gallon (us) per Minute | PF-3.5~35-GPM-Water-SS-E1  |
| 2    | 14~140     | SS316          | LPM, Litter per Minute      | PF-14~140-LPM-Water-SS-E1  |
| 3    | 0.8~8      | SS316          | M³/H, Cubic Meter per Hour  | PF-0.8~8-M³/H-Water-SS-E1  |
| 4    | 2~16       | Teflon         | GPM, Gallon (us) per Minute | PF-2~16-GPM-Water-T-E1     |
| 5    | 8~60       | Teflon         | LPM, Litter per Minute      | PF-8~60-LPM-Water-T-E1     |
| 6    | 0.5~3.5    | Teflon         | M³/H, Cubic Meter per Hour  | PF-0.5~3.5-M³/H-Water-T-E1 |

Fluid type: Air

| Item | Flow Range | Float Material | Flow Unit                            | Ordering Range Code       |
|------|------------|----------------|--------------------------------------|---------------------------|
| 1    | 20~150     | SS316          | SCFM, Standard Cubic Feet per Minute | PF-20~150-SCFM-Air-SS-E1  |
| 2    | 30~270     | SS316          | NM³/H, Normal Cubic Meter per Hour   | PF-30~270-NM³/H-Air-SS-E1 |
| 3    | 15~80      | Teflon         | SCFM, Standard Cubic Feet per Minute | PF-15~80-SCFM-Air-T-E1    |
| 4    | 20~150     | Teflon         | NM³/H, Normal Cubic Meter per Hour   | PF-20~150-NM³/H-Air-T-E1  |

**F1 Tube—2"**

Fluid type: Water

| Item | Flow Range | Float Material | Flow Unit                   | Ordering Range Code            |
|------|------------|----------------|-----------------------------|--------------------------------|
| 1    | 1500~15000 | SS316          | LPH, Litter per Hour        | PF-1500~15000-LPH-Water-SS-F11 |
| 2    | 25~250     | SS316          | LPM, Litter per Minute      | PF-25~250-LPM-Water-SS-F11     |
| 3    | 1.5~15     | SS316          | M³/H, Cubic Meter per Hour  | PF-1.5~15-M³/H-Water-SS-F11    |
| 4    | 6.5~65     | SS316          | GPM, Gallon (us) per Minute | PF-6.5~65-GPM-Water-SS-F11     |

**F2 Tube—2"**

Fluid type: Water

| Item | Flow Range | Float Material | Flow Unit                   | Ordering Range Code            |
|------|------------|----------------|-----------------------------|--------------------------------|
| 5    | 2000~20000 | SS316          | LPH, Litter per Hour        | PF-2000~20000-LPH-Water-SS-F21 |
| 6    | 30~300     | SS316          | LPM, Litter per Minute      | PF-30~300-LPM-Water-SS-F21     |
| 7    | 2~20       | SS316          | M³/H, Cubic Meter per Hour  | PF-2~20-M³/H-Water-SS-F21      |
| 8    | 8~80       | SS316          | GPM, Gallon (us) per Minute | PF-8~80-GPM-Water-SS-F21       |

| Item | Flow Range | Float Material | Flow Unit                   | Ordering Range Code            |
|------|------------|----------------|-----------------------------|--------------------------------|
| 9    | 5000~30000 | SS316          | LPH, Litter per Hour        | PF-5000~30000-LPH-Water-SS-F22 |
| 10   | 100~500    | SS316          | LPM, Litter per Minute      | PF-100~500-LPM-Water-SS-F22    |
| 11   | 5~30       | SS316          | M³/H, Cubic Meter per Hour  | PF-5~30-M³/H-Water-SS-F22      |
| 12   | 30~130     | SS316          | GPM, Gallon (us) per Minute | PF-30~130-GPM-Water-SS-F22     |

**F3 Tube—2"**

Fluid type: Water

| Item | Flow Range | Float Material | Flow Unit                   | Ordering Range Code            |
|------|------------|----------------|-----------------------------|--------------------------------|
| 13   | 2500~25000 | SS316          | LPH, Litter per Hour        | PF-2500~25000-LPH-Water-SS-F31 |
| 14   | 40~400     | SS316          | LPM, Litter per Minute      | PF-40~400-LPM-Water-SS-F31     |
| 15   | 2.5~25     | SS316          | M³/H, Cubic Meter per Hour  | PF-2.5~25-M³/H-Water-SS-F31    |
| 16   | 10~100     | SS316          | GPM, Gallon (us) per Minute | PF-10~100-GPM-Water-SS-F31     |

| Item | Flow Range | Float Material | Flow Unit                   | Ordering Range Code            |
|------|------------|----------------|-----------------------------|--------------------------------|
| 17   | 7000~35000 | SS316          | LPH, Litter per Hour        | PF-7000~35000-LPH-Water-SS-F32 |
| 18   | 100~600    | SS316          | LPM, Litter per Minute      | PF-100~600-LPM-Water-SS-F32    |
| 19   | 7~35       | SS316          | M³/H, Cubic Meter per Hour  | PF-7~35-M³/H-Water-SS-F32      |
| 20   | 30~160     | SS316          | GPM, Gallon (us) per Minute | PF-30~160-GPM-Water-SS-F32     |

## Ordering Information

| PF   | Code  | Range  |      |                             |     |  |  |   |
|------|---|--|------|-----------------------------|-----|--|--|---|
|      |   | Please refer to the <i>Ordering Range Code Table</i> and fill in the requested directly.   |      |                             |     |  |  |   |
|      |   | <table border="1"> <thead> <tr> <th>Code</th> <th>Flow Tube Material</th> </tr> </thead> <tbody> <tr> <td>PSU</td> <td>Polysulfone      PC      Polycarbonate</td> </tr> </tbody> </table>   | Code | Flow Tube Material          | PSU | Polysulfone      PC      Polycarbonate             |  |   |
| Code | Flow Tube Material  |  |      |                             |     |  |  |   |
| PSU  | Polysulfone      PC      Polycarbonate  |  |      |                             |     |  |  |   |
|      |   | <table border="1"> <thead> <tr> <th>Code</th> <th>Process Connection Material</th> </tr> </thead> <tbody> <tr> <td></td> <td>(A) PVC (B) PVDF (C) SS316</td> </tr> </tbody> </table>   | Code | Process Connection Material |     | (A) PVC (B) PVDF (C) SS316                         |  |   |
| Code | Process Connection Material   |  |      |                             |     |  |  |   |
|      | (A) PVC (B) PVDF (C) SS316  |  |      |                             |     |  |  |   |
|      |   | <table border="1"> <thead> <tr> <th>Code</th> <th>Process Connection Size</th> </tr> </thead> <tbody> <tr> <td></td> <td>(A) 1/2" (B) 3/4" (C) 1" (D) 1½" (E) 2" (F) Option</td> </tr> </tbody> </table>   | Code | Process Connection Size     |     | (A) 1/2" (B) 3/4" (C) 1" (D) 1½" (E) 2" (F) Option |  |   |
| Code | Process Connection Size   |  |      |                             |     |  |  |   |
|      | (A) 1/2" (B) 3/4" (C) 1" (D) 1½" (E) 2" (F) Option                            |  |      |                             |     |  |  |   |
|      |   | <table border="1"> <thead> <tr> <th>Code</th> <th>Process Connection Rating</th> </tr> </thead> <tbody> <tr> <td></td> <td>Thread (A) PT (B) NPT (C) PF</td> </tr> <tr> <td></td> <td>Flange (D) 10K (E) 20K (F) ANSI 150# (G) ANSI 300# (H) PN10 (I) PN16 (J) PN25</td> </tr> </tbody> </table> | Code | Process Connection Rating   |     | Thread (A) PT (B) NPT (C) PF                       |  | Flange (D) 10K (E) 20K (F) ANSI 150# (G) ANSI 300# (H) PN10 (I) PN16 (J) PN25 |
| Code | Process Connection Rating   |  |      |                             |     |  |  |   |
|      | Thread (A) PT (B) NPT (C) PF  |  |      |                             |     |  |  |   |
|      | Flange (D) 10K (E) 20K (F) ANSI 150# (G) ANSI 300# (H) PN10 (I) PN16 (J) PN25 |  |      |                             |     |  |  |   |
| PF   |   | <b>Complete Ordering Code</b>  |      |                             |     |  |  |   |

Ordering information Sample:

| Ordering Range Code Table | Flow Tube Material | Process Connection Material | Process Connection Size | Process Connection Rating |
|---------------------------|--------------------|-----------------------------|-------------------------|---------------------------|
| PF-4~40-LPH-Water-T-A1    | PSU                | C                           | A                       | B                         |