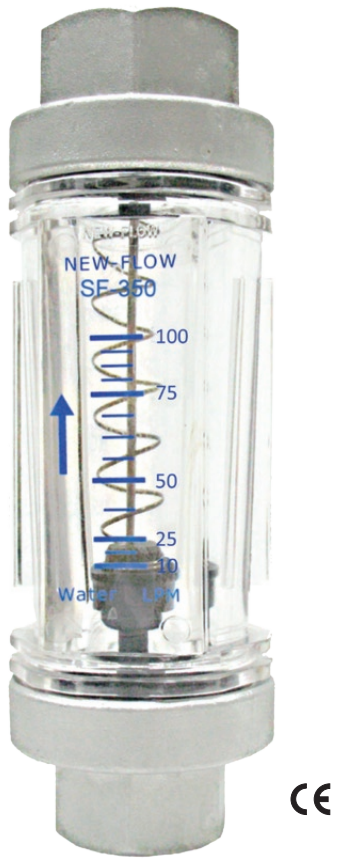
# PLASTIC FLOW METER – Spring Type

## SF350 with alarm switch type without alarm switch type

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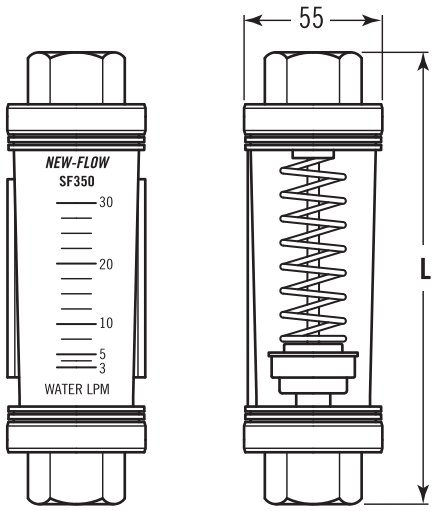
## Technical Data

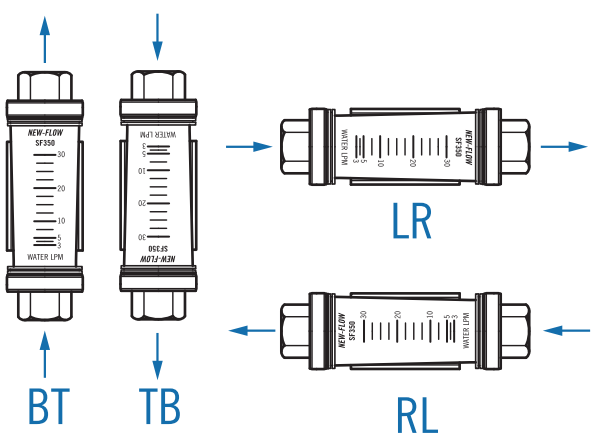
**Service:** Liquid, Oil
**Wetted parts material:**
Body: Polycarbonate (P.C); Polysulfone (PSU) available
O-ring: Viton
Float: PPS plastic
Connection: SS316
Spring: SS316
**Connection size:** ¾", 1"NPT female available
**Mounting:** Vertical and Horizontal available, various flow directions
**Max. wroking pressure limit:** 1.2 MPa (12 kg/cm²)
**Max. test pressure:** 2.0 MPa (20 kg/cm²) (water 25°C)
**Max. working temperature limit:** -10°C to 60°C (for PC body)
-10°C to 80°C (for PSU body)
**Accuracy:** ±5% full scale
**Alarm switch:** One setting point, form A N.O. type bistable reed switch
**Switch rating:** AC 125V 0.5A / DC 100V 10W / Max. DC 250V < 1mA
**Weight:** 0.5~0.6 kg
(Contact setting point should be within 10% to 80% of FS)

## Dimensions




unit=mm

## Flow Direction Types




## Ordering Information

| SF350 | Code | Flow Range (LPM- Litter per Minute) |
|---|---|---|
| | A | 7~70 LPM |
| | B | 10~100 LPM |
| | C | 15~150 LPM |

| Code | Alarm Switch |
|---|---|
| 1R | One setting point |
| 0 | Without alarm |

| Code | Body Material |
|---|---|
| PC | Polycarbonate |
| PSU | Polysulfone |

| Code | Connection Material |
|---|---|
| 1 | SS316 |

| Code | Process Connection in Female |
|---|---|
| A | ¾"NPT (L=170mm) |
| B | 1"NPT (L=170mm) |

| Code | Flow Direction |
|---|---|
| BT | Bottom to Top |
| TB | Top to Bottom |
| RL | Right to Left |
| LR | Left to Right |

| SF350 | | | | | | | Complete ordering code |
|---|---|---|---|---|---|---|---|

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