

SF100 *with alarm switch type*
without alarm switch type

(Contact setting point should be within 10% to 80% of FS)



Technical drawing of the New-Flow SF Series flowmeter, showing front and side views with dimensions and scale.

Front View (Left): Shows the flowmeter body with a width of 35 mm. The top and bottom flanges are labeled "New-Flow SF Series". The central scale is labeled "LPM" and ranges from 0 to 20, with major markings at 2, 5, 10, 15, and 20. The word "Water" is printed at the bottom of the scale.

Side View (Right): Shows the flowmeter body with a width of 43.5 mm. The total height is labeled "L". The side view shows the internal components and the mounting flanges.

Dimensions:

- Front View Width: 35
- Side View Width: 43.5
- Total Height: L

Scale:

LPM

20

15

10

5

2

Water

unit=mm

The diagram illustrates four types of flowmeters, each with a vertical cylindrical body and a scale. The flowmeters are labeled BT, TB, LR, and RL. BT and TB have arrows indicating flow direction. LR and RL have arrows indicating flow direction.

- BT (Backward Transducer):** A vertical cylinder with a scale from 0 to 100. The float is at 0. The label "New-Flow SF-Series" is at the top. The label "Water" is at the bottom.
- TB (Transducer Backward):** A vertical cylinder with a scale from 0 to 100. The float is at 0. The label "New-Flow SF-Series" is at the top. The label "Water" is at the bottom.
- LR (Low Resistance):** A horizontal cylinder with a scale from 0 to 100. The float is at 0. The label "New-Flow SF-Series" is at the top. The label "Water" is at the bottom.
- RL (Resistance Low):** A horizontal cylinder with a scale from 0 to 100. The float is at 0. The label "New-Flow SF-Series" is at the top. The label "Water" is at the bottom.

SF100	Code	Flow Range (LPM-Litter per Minute)		
	A	0.6~4 LPM	E	3~30 LPM
	B	1.6~10 LPM	F	5~50 LPM
	C	2~20 LPM	G	6~60 LPM
	D	6~40 LPM		
	Code	Alarm Switch		
	1R	One setting point		
	2R	Two setting points		
	0	Without alarm		
	Code	Process Connection in Female		
	A	3/8"NPT (L=150mm)		
	B	1/2"NPT (L=150mm)		
	C	3/4"NPT (L=152mm)		
	Code	Flow Direction		
	BT	Bottom to Top		
	TB	Top to Bottom		
	RL	Right to Left		
	LR	Left to Right		
SF100				Complete ordering code