

- Accuracy: $\pm 0.003\%$ F.S.
- High brightness 0.4" LED; Rate of display range: 0~9999
- 2 alarms output / RS-485 communication optional
- Measuring range: 0.8~15 Liter/min
- Thread connection(3/8" NPT), easily installation



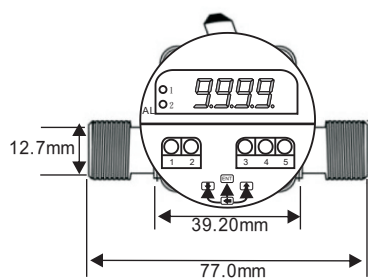
SPECIFICATION

- ◆ Accuracy: 0.003% F.S.
- ◆ Display Screen: High brightness red LED; 10.16mm (0.4")
- ◆ Sampling Cycle: 16 cycles / sec
- ◆ Display Range: -1999~9999
- ◆ Over Range Indication: doFL or -doFL
- ◆ Parameters Setting: Push buttons
- ◆ Exciting Power: DC 15~30V for transmitter
- ◆ Open Collect Output: DC 30V; 30mAdc max.
- ◆ Alarm Action: " $\geq$ (Hi) on" or "< (Lo) on"
- ◆ Alarm Run Delay Time: 0~99 sec
- ◆ Communication: RS-485 Modbus RTU mode
- ◆ Baud Rate: 9600 / 4800 / 2400 bps
- ◆ Temp. Coefficient: 100ppm / $^{\circ}\text{C}$ (0~60 $^{\circ}\text{C}$)
- ◆ Operating Temperature: 0~60 $^{\circ}\text{C}$; 20~90% RH (non-condensing)

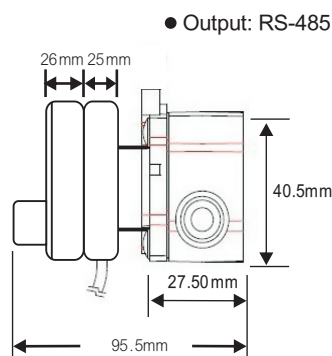
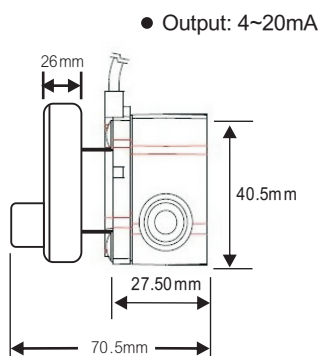
- ◆ Storage Temperature: -10~70 $^{\circ}\text{C}$; 20~90% RH (non-condensing)
- ◆ Material:(Transmitter) Display housing: ABS
- ◆ Accuracy:(sensor) $\pm 5\%$ from scale value
- ◆ Repeatability:(sensor) $\pm 1\%$ from scale value
- ◆ Range:(sensor) 0.8~15 Liter/min (H₂O at 22 $^{\circ}\text{C}$)
- ◆ Sensing Principle: Hall-Effect
- ◆ Max. Operating Pressure: 8 bar
- ◆ Max. O/P Current (at 24V): 8mA
- ◆ Burst Pressure (at 22 $^{\circ}\text{C}$): >30 bar
- ◆ Wiring Cable:(sensor) Round cable 3x0.14 mm LIYY
- ◆ Protection: IP65

DIMENSION

FRONT PANEL



SIDE VIEW



ORDER INFORMATION

GSFL52 - Code1 - Code2 - Code3

Code1	Flow Range	Code2	Optional Output	Code3	Wire Length
2200	0.8~15.0L/min	N	None	5	5M
		Y	O.C.x2 & RS-485	10	10M
				O	Option

MATERIAL FEATURES

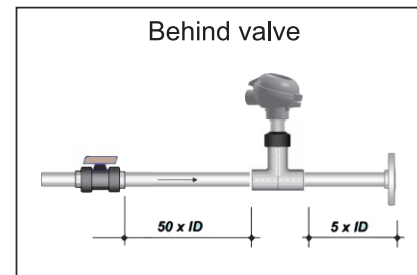
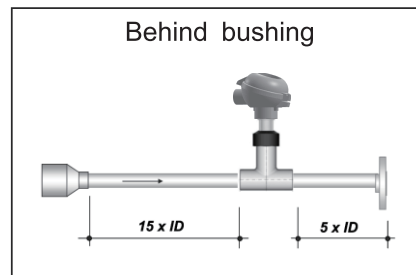
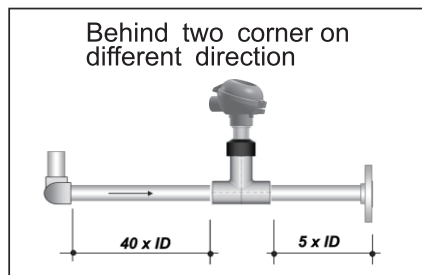
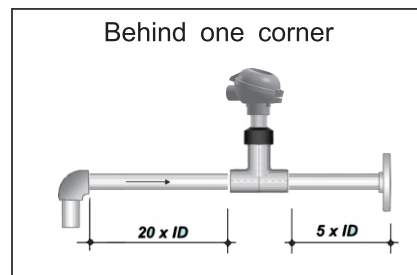
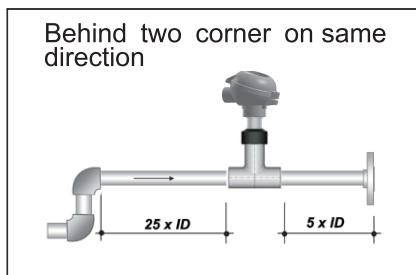
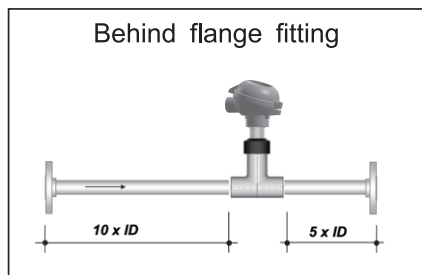
Materials	POM-Version
Housing	Nylon66
Impeller	POM
Stick of Turbine	SUS304
O-Rings	EPDM
Process Connection	3/8" NPT
Monitor	ABS

K FACTOR TABLE

Flow Range (L/min)	Pulse per Liter
0.8~15.0 L/min:	250

INSTALLING NOTE

■ Standard installation diagram according to EN ISO 5167-1 (ID is for inner diameter)



*If can not be suit this situation, please make the calibration of K factor.

■ Installation angle

-Installing in horizontal pipe system

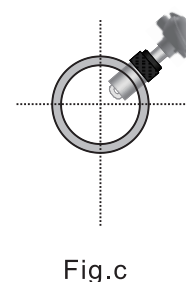
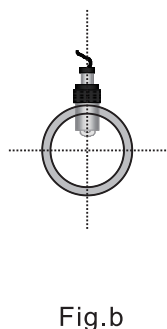
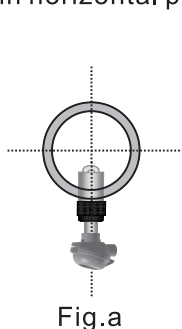


Fig.a: Installation for the pipe without sediment.

Fig.b: Installation for the pipe without bubble and must be full.

Fig.c: The best installation position can avoid the influences of sediment and bubble.

-Installing in vertical pipe system

It can be installed at any angle, the better installation flow direction is from bottom to top.

■ Installation Precautions

