

- High brightness 0.4" LED; Rate of display range: 0~9999
- 2 alarms output / RS-485 communication optional
- Measuring range: 0.05~1.0L/min for gasoline / diesel
- Thread connection(3/8" barb), easily installation



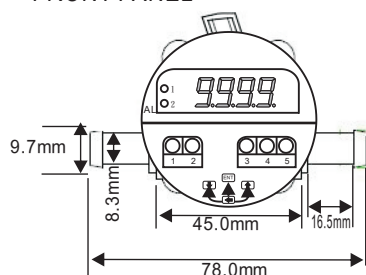
SPECIFICATION

- ◆ 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: "≥ (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 / °C (0~60°C)
- ◆ Operating Temperature: 0~60°C ;20~90% RH (non-condensing)

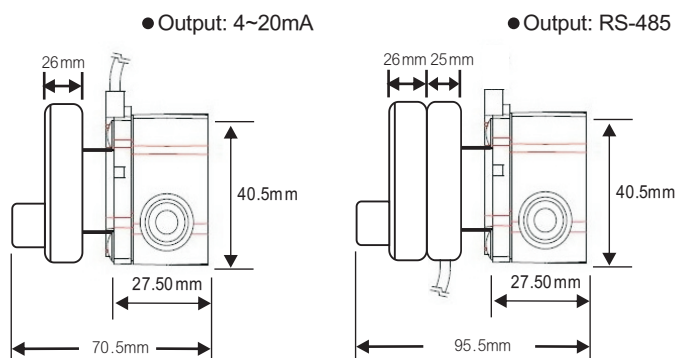
- ◆ Storage Temperature: -10~70°C ;20~90% RH (non-condensing)
- ◆ Material:(Transmitter) Display housing: ABS
- ◆ Accuracy:(sensor) ± 5% from scale value
- ◆ Repeatability:(sensor) ± 1% from scale value
- ◆ Range:(sensor) 0.05~0.5L/min
- ◆ (H₂O at 22°C)
- ◆ Sensing Principle: Hall-Effect
- ◆ Max. Operating Pressure: 8 bar
- ◆ Max. O/P Current (at 24V): 8 mA
- ◆ Burst Pressure (at 22°C): >30 bar
- ◆ Wiring Cable:(sensor) Round cable 3x0.14 mm LIYY
- ◆ Protection:(sensor) IP65

DIMENSION

FRONT PANEL



SIDE VIEW



ORDER INFORMATION

GSFL53 - **Code1** - **Code2**

Code1	Flow Range	Code2	Optional Output
3400	0.05~1.0L/min	N	None
		Y	O.C.x2 & RS-485

MATERIAL FEATURES

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

K FACTOR TABLE

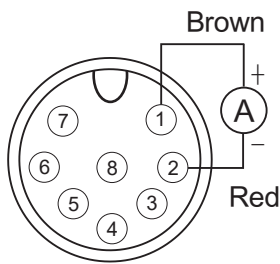
Flow Range (L/min)	Pulse per Liter
0.05~1.0 L/min	1820

WIRING CONNECTION

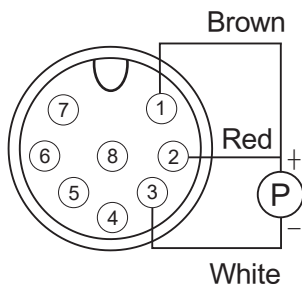
- Output: 4~20mA



- Output: Analog(2W)



- Output: Analog(3W)

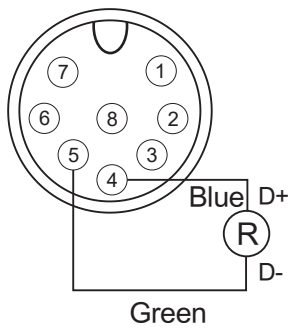


- Description

M12 Connector

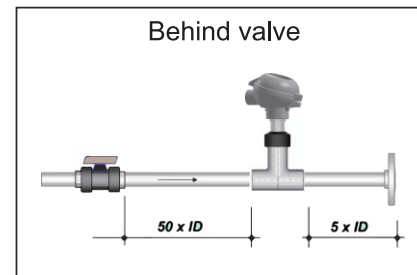
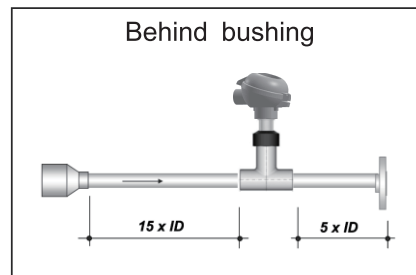
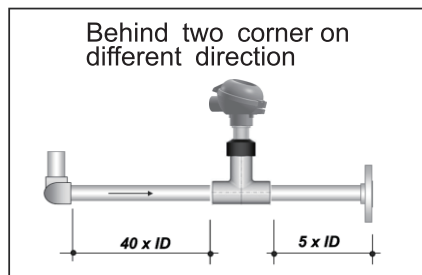
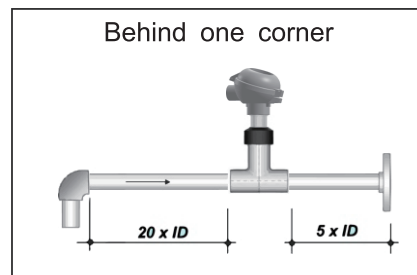
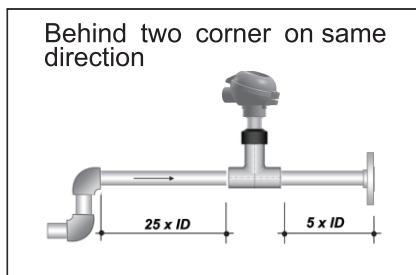
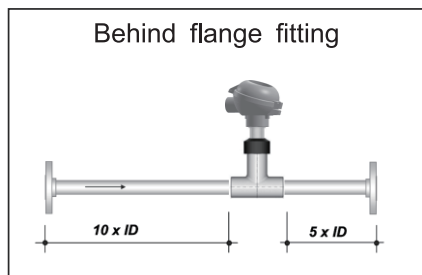
PIN	Color	Description
1	Brown	POWER:15~30V
2	Red	OUTPUT:4~20mA
3	White	COMMON
4	Blue	RS-485:D+
5	Green	RS-485:D-
6	Yellow	C1 / E1
7	Purple	C2 / E2
8	Black	Ecom / Ccom

- Output: RS-485



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

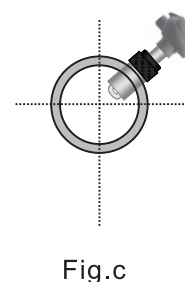
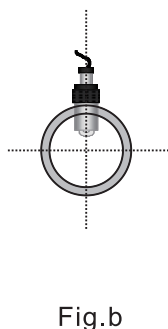
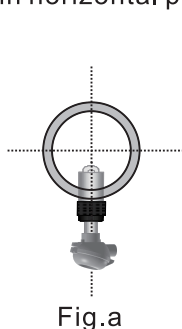


Fig.a: Installation for the pipe without sediment.

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

