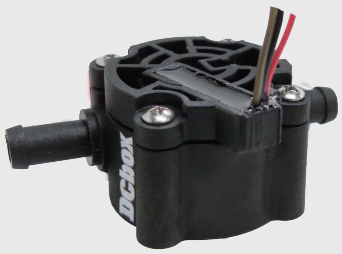
DCbox

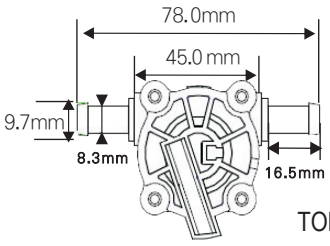
GASOLINE / DIESEL PADDLEWHEEL FLOW SENSOR

SFL53

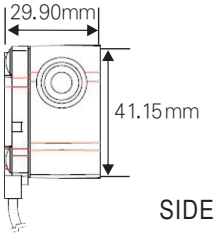
- Accuracy: ±5%; Repeatability: < +1%
- Measuring range: 0.05~1.0L/min
- Used in marine / automobile application
- Thread connection(3/8" barb), easily installation



DIMENSION



TOP VIEW



SIDE VIEW

SPECIFICATION

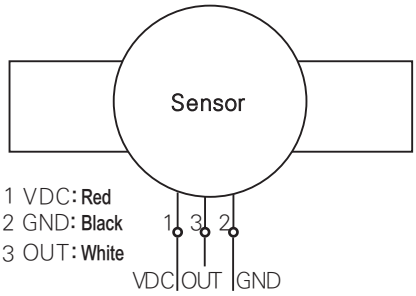
♦ Accuracy:	±5% from scale value
♦ Repeatability:	±1% from scale value
♦ Range:	0.05~1.0L/min
♦ H_2O at 22℃)	
♦ Sensing Principle:	Hall-Effect
♦ Max. Operating Pressure:	8 bar
♦ Max. O/P Current (at 24V):	8mA
♦ Burst Pressure (at 22℃):	>30 bar
♦ Output Signal:	Open Collect
♦ Operating Temperature:	0~80℃
♦ Power Supply:	2.4~26VDC
♦ Wiring Cable:	Round cable3x0.14 mm² LIYY
♦ Protection:	IP65

ORDER INFORMATION

SFL53 - Code1

Code1	Flow range
3400	0.05~1.0 L/min

WIRING CONNECTION



MATERIAL FEATURES

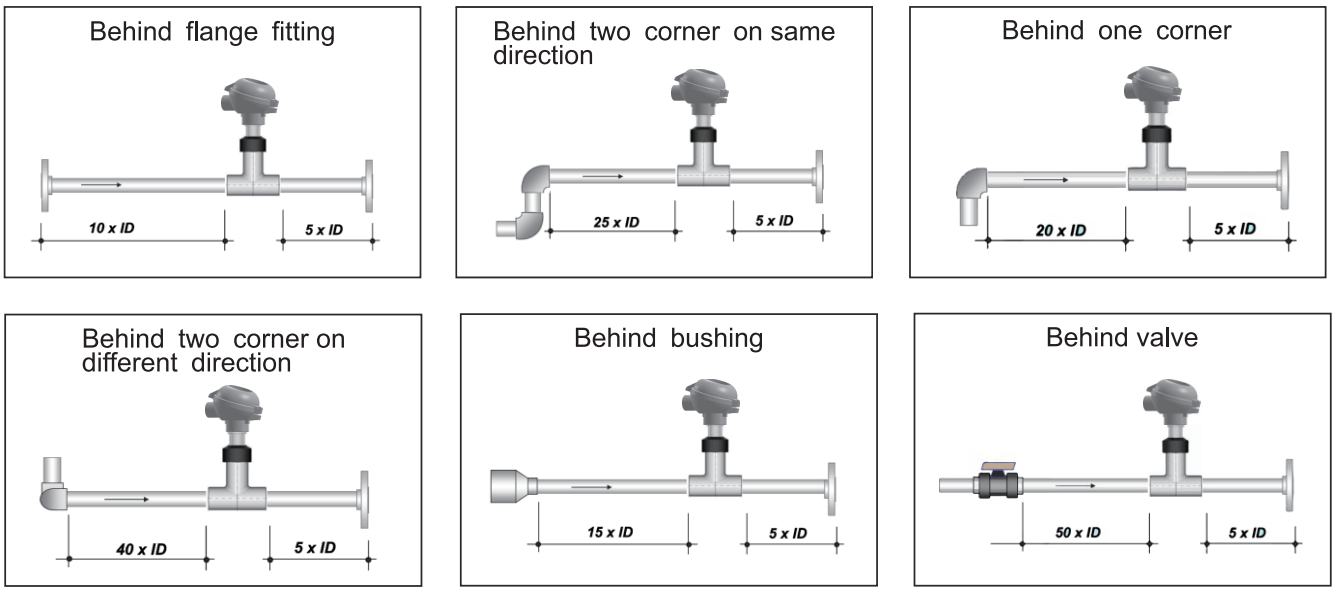
Materials	POM-Version
Housing	Nylon66
Impeller	POM
Stick of Turbine	SUS304
O-Rings	NBR
Process Connection	3/8" Barb

K FACTOR TABLE

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

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

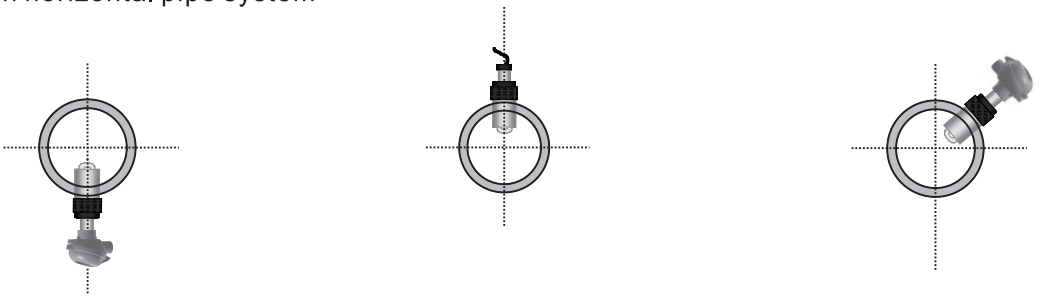


Fig.a Fig.b Fig.c

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