

# 新政 Model 601A 蹼輪式流量計

## HSIN JENG PADDLE FLOW METER

### Model 601A



- FREE FLOW DIRECTION
- ANTICORROSIVE MATERIALS
- EASY INSTALLATION & MAINTENANCE
- LINEAR OUTPUT & NO PRESSURE DROP
- SAFE , RIGID CONSTRUCTION
- HIGH ACCURACY & RELIABILITY

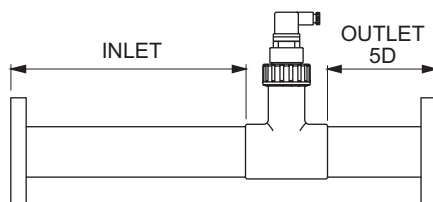
### GENERAL SPECIFICATIONS

Output Frequency	19Hz / M / Sec (0.3~6m/sec) 49Hz / M / Sec (0.1~6m/sen)
Output Signal	Open collector , Sinking
Measuring Range	0.3 to 6m/Sec~0.1 to 6m/Sec
Exciting Power	3.5 to 24V DC
Supply Current	1 ~ 6mA (3.5~24V)
Output Current	25mA max.
Repeatability	0.5% FS (0.3 to 6m/Sec)
Linearity	0.5% (0.3 to 6m/Sec)

Fluid Temperature	105°C max.
Ambient Temperature	0~60°C , 90%RH max.
Enclosure	IP67 Encapsulation
Electric Protection	Ex ia II C T6
Standard Materials	Sensor Body / PP Rotor / PP Shaft / 316SS Bearing / Ceramic O-Ring / EPDM

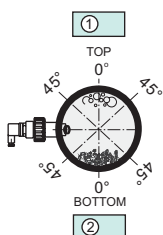
### PIPING / INSTALLATION

#### ■ HOW TO LOCATE THE SENSOR



OBSTACLE OF INLET	INLET LENGTH OF STRAIGHT PIPE
FLANGE / SOCKET	10D
REDUCER	15D
BUTTERFLY / BALL VALVE	15D
ELBOW / TEE	20D
PUMP / GLOBE / GATE VALE	50D

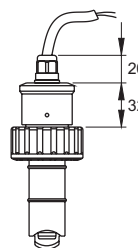
#### ■ THE COUNTERPLOT FOR HORIZONTAL PIPING



The sensor is unsuitable to installed vertically (0°) When ❷ bubbles occur at the top of horizontal piping , or ❷ presence of sediments at the bottom of the pipe, Therefore, it must be installed at 45° ∠.

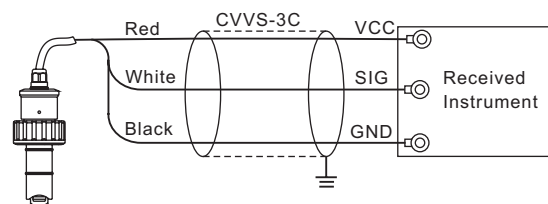
### SPECIFICATIONS

#### ■ STRUCTURE



Fitting Conn. : White grey Coupling, 1-1/2"PS  
Operating Pressure : 1.0MPa max.  
Lead Cable : 24AWG , 8 metres or specified  
Conduit Connection :  
•M12 with Cable Gland & Strain relief  
•M20 or 1/2" NPT(F) for optional  
Materials : Sensor Head / POM  
Union Nut / Polypropylene or options  
Lead Cable / CVVS

#### ■ WIRING



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